

FC-6
(1-55)

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
Field Crops Research Branch

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

7/10/57

2701-

fairly susceptible to C.B.

SAMPLE PAGE

VARIETAL TEST OF OATS, 1908

CONDITIONS OF EXPERIMENT

PLOT

Location.....Field H.
Size.....1/20 acre.

SOIL

Kind.....Prairie loam.
Position.....Somewhat rolling.
Previous crop.....Corn.

NAME AND CONDITION OF MACHINERY

Plow.....
Disk.....Osborn.....Sharp.
Harrow.....U Bar.....Good.
Seeder.....Monitor.....Good.

SEED

Variety.....Variable.
Weight per bushel.....Variable.
Source.....Variable.
Treatment.....Fanned clean and treated for smut.

SEED BED

Preparation :

1. Disked (lapped half).....4-6-'08.
2. Disked (lapped half).....4-10-'08.
3. Harrowed.....4-10-'08.
4. Harrowed.....4-27-'08.
5. Seeded.....4-27-'08.
6. Harrowed.....4-27-'08.

SEEDING

Manner.....Drilled.
Date.....4-27-'08.
Rate.....3 bushels per acre by weight.

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

----- TEST OF -----, 19-----

CONDITIONS OF EXPERIMENT

PLOT

Location-----

Size-----

SOIL

Kind-----

Position-----

Previous crop-----

NAME AND CONDITION OF MACHINERY

Plow-----

Disk-----

Harrow-----

Seeder-----

SEED

Variety-----

Weight per bushel-----

Source-----

Treatment-----

SEED BED

Preparation :

1. -----

2. -----

3. -----

4. -----

5. -----

6. -----

SEEDING

Manner-----

Date-----

Rate-----

Year	John's 56/57	Date		Plant hgt. (cm)	1st Seed	Full Mipe	8/2 140 CO VS-H	2nd line 56 57
2001	check							
2002	B5335 A1-1-2-1, Bkt. 50x HO 341 7/18 too tall						MS-2	35 2003
2003	B5335 A1-1-2-2, 7/18 too tall.						MS-1	35 200 2003
2004	check						VS-5	
2005	B5335 A1-2-2-1, Bkt. 50x HO 341 7/19						MS-1	28 2008
2006	B5335 A1-2-2-2 check 7/19						MS-1	28 2008
2007	check						VS-5	
2008	B5335 A1-2-2-3 7/15			48			R-1	28 2008 71

Par 8/12

	Date		Plant ht. (in)	H0 CO	2nd year		
	1st Head	Full Ripe			56	57	
608	B5335 A1-2-2-4		7/15	MR-1	28		2009
609	check		7/12	VS-5			2010
609	B5335 A1-2-3-1		7/16	MR-1	30		2011
609	B5335 A1-2-3-2		7/16	MR-1	30		2012
	check		7/16	VS-5			2013
609	B5335 A1-2-3-3		7/16	MR/MS-1 45	30	74	2014 pen 8/12
609	B5335 A1-2-3-4		7/16	MR/MS-1	30		2015
	check		7/16	VS-4			2016

	1st Hd	Ripe	Ht	HO CO	Jodine 56 57	
2017	B5335 A1-2-4-1 7/15			MB/MS-1	54	2011 B
2018	B5335 A1-2-4-2 7/15			MB/MS-1	54	2011 B
2019	check			VS-5		
2020	B5335 A1-2-4-3 7/15			MS-MR-1	54	2011 B
2021	B5335 A1-2-4-4 7/15			MS-2	54	2011 B
2022	check			VS-5		
2023	B5335 A1-2-4-5, 7/15			MS-1	54	2011 B
2024	C.P. 231 7/14			MS-1		

1st Ad.	Ripe	No.	HO CO	Jadine	
check			VS-3	54 57	2025
011 7/16 S		B5335 A1-2-4-6	MR-1	54	2026
011 7/17 S		B5335 A1-2-4-7	MR-1	54	2027
check			VS-5		2028
011 7/19 S		B5335 A1-2-4-8	R-1 51	54 67	2029 pen 8/12
011 7/19 S		B5335 A1-2-4-9	R-1	54	2030
check			VS-3		2031
011 7/17 S		B5335 A1-2-4-10	R-1 48	54 72	2032 pen 8/12

	Date		Plant hgt. (in.)	HO CO	Iodine	
	1st Head	Full Ripe			56	57
2033 <i>per</i>	B5335 A1-2-4-11, 7/16			R-1	54	2011 S
2034	Check 7/16			VS-1		
2035 <i>per</i>	B5335 A2-9-2-1, 7/16			R-1	39	2035
2036 <i>per</i>	B5335 A2-9-2-2, 7/17			R-MR-1	39	2035
2037	Check			VS-1		
2038	Bht. 50 7/26			S-1		
2039 <i>per 8/12</i> <i>1/12</i>	B5335 A2-9-3-1 7/16 Short return Ripe about 8/10		45	MS-1	37 69	2037
2040	Check			VS-1		

	Date		Plant Det. (No.)	H ₂ O CO	Iodine 56 57	
	1st Seed	Full Ripe				
237	7/16		B5335 A2-9-3-2	MS/MR-1	32	2041
237	7/16		B5335 A2-9-3-4	MS/MR-1	32	2042
			check not planted			2043
			check	MS-5		2044
241	7/16		B5335 A2-9-6-1 +9	MR-1	35 68	2045 9/6/12
241	7/16		B5335 A2-9-6-2	MR-1	35	2046
			check 7/17	MS-5		2047
241	7/16		B5335 A2-9-6-3	MR-MB-2	35	2048

	Date		Plant hgt. (in.)	H ₂ O C.O	Jodine 56 57	
	1st Seed	Full Ripe				
2049	B5335A2-9-6-4, 7/16			MP-2	35	2041
2050	check 7/17			VS-5		
2051	B5335A2-9-6-5 7/16			MP-2	35	2041
2052	B5335A2-12-3-1 7/15			MP-2	35	2047
2053	check 7/17			VS-5		
2054	B5335A2-12-3-2 7/15			MP-2	35	2047
2055	CP231 7/15	Ripe 8/16		S-2		
2056	check			VS-5		

	Date		Plant hgt. (in.)	HO CO	Iodine	
	1st Elood	Full Ripe			56	57
2065	check 7/16			VS-5		
2066	B5335 A 3-10-4-3 7/15 Pow 8/12	47	R-1	/	41 66	2059
2067	B5335 A 3-10-4-4 7/15		R-1	/	41	2059
2068	check 7/17			VS-5		
2069	B5335 A 3-10-4-5 7/16		R-1	/	41	2059
2070	alt. 50 7/24			S-5		
2071	check 7/16			VS-4		
2072	B5333 A 1-3-4-1 7/16		CP 231 X 48	HO 341 VS-2	59	2066
	sat. gain type.					

	Date		Plant hgt. (in.)	HO CO	Iodine 56 57	
	1st Eland	Full Ripe				
266	B5333	7/16	A1-3-4-2 48	MS-1	59	2073
	check			VS-5		2074
266	B5333	7/15	A1-3-4-3 48	MS/MR-1	59	2075
266	B5333	7/15	A1-3-4-4 47	MS/MR-1	59	2076
	check	7/17		VS-5		2077
266	B5333	7/15	A1-3-4-5 47	MR-1	59 60	2078
					pen 8/12	
266	B5333 ³	7/16	A1-3-4-6 47	MR-1	59	2079
	check			VS-5		2080

	Date		Plant hgt. (in.)	H ₂ O CO ₂	Iodine
	1st Feed	Full Ripe			
2081 PGR 8/12	B5333 A1-3-5-1 7/15		49	MR-1	20/68 96/67
2082	B5333 A1-3-5-2 7/15		49	MR-1	20/68 46
2083	check			VS-5	
2084 PGR 8/12 H ₂ O 8/15	B5333 A1-3-5-3 7/16		50	R-1	20/68 46/65
2085	B5333 A1-3-5-4 7/15		51	MR-1	20/68 46
2086	check				

	Date		Plant hgt. (in.)	HO	Iodine	
	1st Head	Full Ripe		CO	56 57	
	Check			VS-3		2101
81	B5333	A1-8-1-1	47	MS-2	58	2102
	7/16					
81	B5333	A1-8-1-2	46	MS-2	58	2103
	7/15					
	Check			VS-3		2104
81	B5333	A1-8-1-3	47	MS-2	58	2105
	7/15					
81	B5333	A1-8-1-4	49	MS-2	58	2106
	7/15					
	Check			VS-3		2107
81	B5333	A1-10-1-1		MR-1	48	2108
	7/16					

	Date		Plant hgt. (in.)	HO CD	Iodine	
	1st Feed	Full Ripe			56	57
2109	B5333 A1-10-1-2	7/16	12	MR-1	48	2108
2110	check			VS-5		
2111	B5333 A1-10-1-3	7/16		MR-2	48	2108
2112	B5333 A1-10-1-4	7/16		MR-1	48	2108
2113	check			VS-5		
2114	B5333 A1-12-2-1	7/17		MR-3	53	2109
2115	B5333 A1-12-2-2	7/17	51	MR-1	53 65	2109
2116	check			VS-5		

96
8/12

	Date		Plant hgt. (in.)	HO CO	Iodine 56 57	
	1st Head	Full Ripe				
09	7/17	8/1-12-2-3	50	MR-1	53	2117
09	7/17	8/1-12-2-4	50	MR-1	53 63	2118 Pen 8/12
	check			VS-		2119
34	7/16	8/12 47		MR-1	37 61	2120 Pen 8/12 Hv. 8/15
34	7/16	8/12 47		MR-1	37	2121
	check			VS-		2122
36	7/16	8/12 47		MR-1	37	2123
	8/25			S-2		2124

	Date		Plant hgt. (in.)	HO CO	Iodine	
	1st Head	Full Ripe			56	57
2125	check 7/16			VS-5		
2126	BS333 A 2-6-1-4, 7/16	49		MR-2	37 49	2/36
	per 8/12					
2127	BS333 A 2-6-2-1 7/17			MR-2	36	2/38
2128	check 7/17			VS-5		
2129	BS333 A 2-6-2-2 7/17	47		MR-2	36 51	2/38
	per 8/12					
2130	BS333 A 2-6-2-3 7/20			MR-2	36	2/38
2131	check			VS-5		
2132	BS333 A 2-6-2-4 7/20			MR-1	36	2/38

	Date		Plant hgt. (in.)	HO CO	Jodine 56 57	
	1st Seed	Full Ripe				
163	7/15	B5333 A2-9-6-1	4P	MR-MS-2	32	2133
	check 7/16			VS-5		2134
163	7/15	B5333 A2-9-6-2	45	MR-1	32	2135
163	7/15	B5333 A2-9-6-3	45	MR-2	32	2136
	check			VS-5		2137
	CP 231 7/16		50	S-2		2138
163	7/15	B5333 A2-9-6-4	49	MR-1	32	2139
	check			VS-5		2140

	Date		Plant hgt. (in.)	HO CO	Iodine 56 57
	1st Head	Full Ripe			
2141 pan 8/12	B5333 A	2-12-1-1 7/16	46	MR-1	2164 53
2142	B5333 A	2-12-1-2 7/17		MR-1	2164
2143	check				
2144	B5333 check			VS-5	
2145 pan 8/12	B5333 A	2-12-1-3 7/16	47	R/ms-1	2164 60
2146	B5333 A	2-12-1-4 7/15	47	MR-2	2164
2147	check			VS-5	
2148	B5333 A	2-12-1-5 7/15		MR/MS-1	2164

	Date		Plant hgt. (in.)	HO CO	Iodine 56 57	
	1st Harvest	Full Ripe				
72	B5333	A 2-13-1-1	50	R-1	40 / 70	2149 pan 8/12
	7/15	8/16				
	check			VS-5		2150
	7/16					
72	B5333	A 2-13-1-2		NR-1	40	2151
	7/15					
	Hooded hills					
72	B5333	A 2-13-1-3	49	NR-1	40 / 58	2152 pan 8/12
	7/15	8/16				
	check			VS-5		2153
	7/15					
72	B5333	A 2-13-1-4	49	NR-1	40 / 67	2154 pan 8/12
	7/15	8/13				
	367.50 (check)			S-2		2155
	7/24					
72	B5333	A 2		VS-5		2156
	check					

	Date		Plant hgt. (in.)	HO CO	Incline 36 57	
	1st Head	Full Ripe				
2157	B5333A	2-13-1-5, 7/15		NR-1	30	2172
2158	B5333A	2-13-2-1 7/15 8/17 49		R-1	30 46	2173
2159		Neony pom check 7/16		VS-5		
2160	B5333A	2-13-2-2, 7/15 8/16 48		R-1	30 47	2173
2161	B5333A	2-13-5-1, 7/15 8/16 48		R-1	30 56	2178
2162		check 7/17		VS-5		
2163	B5333A	2-13-5-2 7/15 8/16 48		NR-1	30 44	2178
2164	B5333A	2-16-2-1 2-13-5-3 7/15 8/16 49		NR-1	50 41	2178 2182

	Date		Plant hgt. (in.)	H.O. CO	Iodine 56 57	
	1st Head	Full Head				
check				VS-5		2165
182	7/16	8/16	45	R-1	50 60	2166
	shorter straw 6-1 inches Very good. Productive.				per 8/2 Hr 8/5	
82	7/16			R-1	50	2167
check				VS-5		2168
82	7/15			HR-1	50	2169
	C.P. 231 (check)			S-2		2170
	7/15					
check				VS-5		2171
82	7/15	8/17	47	HR-1	50 46	2172
					per 8/12	

	Date		Plant hgt. (in.)	HO CO	Iodine 56 57	
	1st Eoad	Full Ripe				
2173	B5333 A2-16-3-1	7/15		NR-1	40	2184
2174	check	7/16		VS-5		
2175	B5333 A2-16-3-2	7/15	49	R-1	40	2184
2176	B5333 A2-16-3-3	7/15	50	R-1	40 57	2184
2177	Row 8/12 No. 8/15	Heavy Row, Rather tall		VS-5		
2178	B5333 A2-16-3-4	7/15 8/15	50	NR-1	40 66	2184
2179	B5333 A2-16-3-5	7/16		NR-1	40	2184
2180	check			VS-5		

	Date		Plant hgt. (in.)	HO CO	Iodine 56 57	
	1st Erad	Full Ripe				
84 7/15	B5333A	2-16-3-4	51	HR-1	40/98	2181 Pon 8/12
	Rather red.					
03 7/16	B5333A	2-18-1-1	47	HR-1	18/67	2182 Pon 8/12
check				VS-5		2183
03 7/16	B5333A	2-18-1-2	48	HR-1	18/65	2184 Pon 8/12
03 7/16	B5333A	2-18-1-3	49	HR-1	18/50	2185 Pon 8/12
check						2186

	Date		Plant hgt. (in.)	8/2 HO CO VS-5	Jadine 56 57
	1st Eond	Full Ripe			
2201	check	7/15			
2202	B5333 A 2-18-1-4 7/16 Pan 8/12	8/17 48	HR-1	18 48	2203
2203	B5333 A 2-21-1-1 7/16		MR-1	47	2206
2204	check 7/16		VS-5		
2205	B5333 A 2-21-1-2 7/15	53	MR-2	47	2201
2206	B5333 A 2-21-1-3 7/16 Pan 8/12 1/4 in. 8/15	an	MR-1	47 91+55	2206
2207	check		VS-5	an 40 2208	
2208	B5333 A 2-21-1-4 7/16 Pan 8/12 " Druggery Panicles)	52	R-1	47	2206

	Date		Plant hgt. (cm)	HO CO	Iodine 56 57	
	1st Bread	Full Ripe				
209	B5333	A2-21-3-1	50	R-1	$\frac{39}{75}$	2209 pan 8/12
	7/16	8/17				
	check			VS-5		2210
209	B5333	A2-21-3-2	49	NR-1	$\frac{39}{56}$	2211 pan 8/12
	7/16					
09	B5333	A2-21-3-3	50	NR-1	$\frac{39}{59}$	2212 pan 8/12
	7/15					
	check			VS-5		2213
209	B5333	A2-21-3-4	52	R-1	$\frac{39}{51}$	2214 pan 8/12
	7/16					
209	B5333	A2-21-3-5	51	NR-1	$\frac{39}{43}$	2215 pan 8/12
	7/16					
	shorter than others from			VS-5	2209	(8/15 1/2)
	check					2216

	Date		Plant hgt. (in.)	HO CO	Iodine	
	1st Head	Full Ripe			56	57
2217	B5333A	2-21-3-6	7/16	MR-1	39	2209
2218	B5333A	2-21-4-1	7/15	MR-2	47	2211
2219	check			VS-5		
2220	B5333A	2-21-4-2	7/15	MR/MS-2	47 38	2211
2221	B5333A	2-21-4-3	7/15	MR/MS-2	47	2211
2222	check			VS-5		
2223	B5333A	2-21-4-4	7/15	MR-2	47 62	2211
2224	RP231		7/15	S-2		

	Date		Plant hgt. (in.)	HO CO	Iodine 56 57	
	1st Head	Full Ripe				
	check			VS-5		2225
218	B5331 A1-9-2-1, 7/23			BL. 50 x HO 10 MS-2	25	2226
218	B5331 A2-9-2-2, 7/23			MR/MS-2	25	2227
	check			VS-5		2228
18	B5331 A2-9-2-3, 7/22			MS-2	25	2229
18	B5331 A2-9-2-4, 7/22			MS-2	25	2230
	check 7/16			VS-5		2231
21	B5331 A1-9-5-1 7/15			MR-MS-2	22	2232

	Date		Plant hgt. (in.)	HO CO	Iodine 56 57	
	1st Head	Full Ripe				
2233	B5331	A1-9-5-2		MS-2	22	2221
Disc.	7/15					
2234	check	7/16		VS-5		
2235	B5331	A1-9-5-3		MS-2	22	2221
Rise.	7/14					
2236	B5331	A1-9-5-4	49	MS-2	22	2221
pen 8/1	7/14				34	
2237	check	7/14		VS-5		
	some short flag leaf type,					
2238	B5331	A2.8-1-1	48	S-2		
	7/25					
2239	B5331	A2.8-1-1	48	S-2	32	2232
Nice.	7/14					
2240	check			VS-5		

	Date		Plant hgt. (in.)	HO CO	Iodine 56 57	
	1st Seed	Full Ripe				
232	7/14	B5331 A 2-8-1-2	48	MR-2	32 51	2241 pa 8/12
232	7/15	B5331 A 2-8-1-3	50	MS-2	32	2242
		check				2243 no of some
		check		VS-5		2244
232	7/15	B5331 A 2-8-1-4	50	A2-2	32	2245
235	7/23	B5331 A 2-8-3-1		MR-1	33	2246
	7/16	check		VS-5		2247
35	7/22 8/22	B5331 A 2-8-3-2	52	MR-1	33 48	2248 poor 8/12
		hooked hulls. slightly earlier than B.61				

	Date		Plant hgt. (in.)	HO CO	Iodine 56 57	
	1st Good	Full Ripe				
2249	B5331	A2-8-3-3 7/22	3-3	MS-2	33	2235
2250	check	7/16		VS-5		
2251	B5331	A2-8-3-4 7/22	4-1	MS-1	33	2235
2252	B5331	A2-13-1-1 7/15	50	MR-2	33	2259
2253	check	7/15		VS-5		
2254	B5331	A2-13-1-2 7/15	51	MR-2	33 35	
2255	cp231 (check)	7/16	52	S-2		
2256	check	7/17		VS-5		

	Date		Plant hgt. (in.)	HO CO	Iodine 56 57	
	1st Head	Full Rise				
54	B53	31A2-13-1-3	7/16	MR-2	33	2257
54	B53	31A2-13-1-4	7/16	MS-3	33	2258
	check			VS-5		2259
55	B53	31A2-15-2-1	7/14 52	MR-1	32	2260
55	B53	31A2-15-2-2	7/15 48	MR-1	32	2261
	check			VS-5		2262
55	B53	31A2-15-2-3	7/15 52	MS-2	32	2263
55	B53	31A2-15-2-4	7/15 50	MS-2	32	2264

	Date		Plant hgt.	8/2 HO CO	Iodine 56 57
	1st Head	Full F.			
2265	Check 7/16			VS-5	
2266	B5331A2-19-3-1 7/14	8/14 50		MR-3	35 44
	pan 8/12 Rr. 8/15				2267
2267	B5331A2-19-3-2 7/14	51		MR-3	35
					2268
2268	check 7/16			VS-5	
2269	B5331A2-19-10-1 7/15	49		MR-1	38 47
	pan 8/12				2270
2270	Seg. grain type (Boldness) B61.50 7/24			S-2	
2271	check 7/16			VS-5	
2272	B5331A2-19-10-2 7/15	50		MR-1	38 48
	pan 8/12				2273

	Date		Plant hgt. (in.)	HO CO	Iodine 56 57	
	1st Seed	Full Rise				
80	B5331	A2-20-1-1	7/14	MR-1	30	2273
	check		7/16	VS-5		2274
10	B5331	A2-20-1-2	7/14	R-1	30 42	2275 pen 8/12
80	B5331	A2-20-1-3	7/14	MR-MS-1	30	2276
	check			VS-5		2277
10	B5331	A2-20-1-4	7/14	MR-MS-2	30	2278
82	B5331	A2-20-3-1	7/23 8/22	R-1	40 54	2279 pen 8/12
	Very good B.M. type					(Har 8/15)
	check		7/14	VS-5		2280

	Date		Plant hgt. (in.)	HO / CO	Jodine 56 57	
	1st Head	Full Ripe				
2281 pow 8/12	B5331A2-20-3-2 7/22	51	R-1	40	56	2285
2282 pow 8/12	B5331A2-20-3-3 7/22	51	R-1	40	41	2293
2283	check 7/15		VS-5			
2284	B5331A3-4-2-1 7/14	49	NR-1	43		2314
2285 pow	B5331A3-4-2-2 7/14	49	NR-1	43		2318
2286	check					

	Date		Plant hgt. (in.)	HO CO	Iodine 56 57	
	1st Seed	Full Ripe				
	check			VS-5		2301
25	B533/A3-5-2-1 7/21		R-1	28 44		2302 Pon 8/2
25	B533/A3-5-2-2 7/20		MA-2	28		2303
	check		VS-5			2304
25	B533/A3-5-2-3 7/20		MA-2	28		2305
25	B533/A3-5-2-4 7/20		MA-2	28 50		2306 Pon 8/12
	check		VS-5			2307
7	B533/A3-11-3-1 7/15		R-1	43		2308

	Date		Plant hgt. (in.)	HO CD	Iodine 56 57	
	1st Head	Full R				
2309	B5331A3-11-3-2 7/15			MR-1	43	2337
2310	check 7/16			VS-5		
2311	B5331A3-11-3-3 7/15			MR-1	43	2337
2312	B5331A3-11-3-4 7/15			MR-1	43	2337
2313	check 7/16			VS-5		
2314	B5331A3-15-2-1 7/15 pov 8/12			R-1	27 59	2351
2315	B5331A3-15-2-2 7/15 pov 8/12 Hw 8/15			R-1	27 62	2351
2316	check			VS-5		

2314 & 15
2317 & 18
check for HO
too full & blurry
all alike.

	Date		Plant hgt. (in.)	HO CO	Jodine 56 57	
	1st Seed	Full Ripe				
51	B5331A3-15-2-3	7/16	R-1		27 60	2317 pon 8/12
51	B5331A3-15-2-4	7/15	R-1		27 55	2318 pon 8/12
	check	7/16	VS-3			2319
260	B5331A4-2-1-1	7/15	MR-2		24 50	2320 pon 8/12
	Uniform Height, Good moderation,					
0	B5331A4-2-1-2	7/16	MR-3		24	2321
	check		VS-3			2322
4	B5331A4-2-4-1	7/20	MR-1		24	2323
	7/24		Bbf 50 S-3			2324

	Date		Plant hgt. (in.)	HO CO	Iodine	
	1st Seed	Full Ripe			56	57
2325	check 7/16			VS-5		
2326	B5331A4-2-4-2 7/21			MR-2	34	2364
2327	B5331A4-9-3-1 7/21			MR-1	41	2375
2328	Hooked hulls check			VS-5		
2329	B5331A4-9-3-2 7/16			MS-2	41	2375
2330	B5331A4-9-3-3			MR-1	41	2375
2331	check 7/17			VS-5		
2332	B5331A4-9-3-3 7/16			MR-1	41	2375

	Date		Plant hgt. (in.)	HO CO MR-1	Iodine 56 57	
	1st Seed	Full Ripe				
B5331A4-11-9-1	7/16					2333
Not uniform					32	
check	7/16			VS-5		2334
B5331A4-11-9-2	7/15			R-1		2335
Very clean. Not productive.					32 48	pan 8 1/2
B5331A4-11-9-3	7/15			R-1		2336
Pommes rather short.					32 47	pan 8 1/2
Not much rice						
check	7/16			VS-5		2337
CP-231	7/15		51	S-2	CP-2	2338
B5331A4-11-9-4	7/14		46	R-1		2339
					32	
check	7/15			VS-5		2340

	Date		Plant hgt. (in.)	HO/ CO	Iodine	
	1st Good	Full Ripe			56	57
2341	B5331A4-11-9-5 7/15		46	RA-1	32	2406
2342	B5331A4-11-9-6 7/15		44	RA-1	32	2406
2343	check not seen					
2344	check			VS-5		
2345	B5331A4-11-10-1 7/21			RA-1	32	2408
2346	B5331A4-11-10-2 7/21			RA-1	32	2408
2347	check 7/16			VS-5		
2348	B5331A4-11-10-3 7/21			RA-1	32	2408

	Date		Plant hgt. (in.)	HO CO MR-L	Iodine 56 57	
	1st Head	Full Ripe				
409	B533	1A4-11-10-4	47	MR-L	32	2349
	7/23					
	check			VS-5		2350
	7/16					
409	B533	1A4-11-11-1	47	R-11	29	2351
	7/15					
409	B533	1A4-11-11-2	46	MR-L	29	2352
	7/15					
	check			VS-5		2353
409	B533	1A4-11-11-3	48	MR-L	29	2354
	7/15					
	Bbt 50			S-3		2355
	7/24					
	check			VS-5		2356
	7/16					

	Date		Plant hgt. (in.)	HO CO	Inch	
	1st Seed	Full Ripe			56	57
2357	B5331A4-11-11-4 7/16		47	MR-1	29	2409
2358	B5331A4-11-11-5 7/16		47	MR-1	29	2409
2359	check			VS-5		
2360	B5331A4-11-11-6 7/16		46	R-1	29	2409
2361	B5331A4-11-12-1 7/22 pov 8/12		54	MR-1	35 45	2411
2362	check 7/16			VS-5		
2363	B5331A4-11-12-2 7/22			R-1	35	2411
2364	B5331A4-11-12-3 7/21 pov 8/12 H.A. 8/29		54	MR-1	35 39	2411
	one of clearest was gone in yield plot.					

	Date		Plant hgt. (in.)	HO CO	Iodine 56 57	
	1st Heed	Full Ripe				
	check			VS-5		2365
11	B5331A4-11-12-4	7/21	MR-1	/	35	2366
17	B5331A4-11-16-1	7/21	53 MR-1	/	33 41	2367 pen 8/2
	check	7/15		VS-5		2368
17	B5331A4-11-16-2		R-1	/	33	2369
	CP-231	7/14	51	S-2		2370
	check	7/16		VS-5		2371
7	B5331A4-11-16-3	7/17		S-3	33	2372 pen

	Date		Plant hgt. (in.)	HO CD	Iodine 56 57	
	1st Seed	Full Ripe				
2373	B533/A4-11-16-4	7/22		MR-1	33	2417
2374	check			VS-5		
2375	B533/A4-11-17-1	7/23		RA-1	32 43	2418
	pow 8/12	Rather tall.				
2376	B533/A4-11-17-2	7/22		RA-1	32	2418
	pow					
2377	check	7/16		VS-5		
2378	B533/A4-11-17-3	7/22		RA-1	32 53	2418
	pow	more than tall as B. 50				
2379	B533/A4-11-17-4	7/22		RA-1	32	2418
	pow					
2380	check	7/16		VS-5		2418

	Date		Plant hgt. (in.)	HO CO	Iodine 56 57	
	1st Head	2nd Head				
24	B5331	A4-13-4-1		MR-1	42	2381
	7/16					
24	B5331	A4-13-4-2		MR-1	42	2382
	7/15					
	check			VS-4		2383
	7/16					
4	B5331	A4-13-4-3		MR-1	42	2384
	7/15					
8	B5331	A4-15-3-1	50	MR-1	43	2385
	7/14					
	check			VS-5		2386

	Date		Plant hgt. (in.)	HO CO	Iodine	
	1st Head	Full Ripe			56	57
2401	Check 7/16			VS-5		
2402	B5331A4-15-3-2 7/15		48	MR-2	43	2438
2403	B5331A4-15-3-3 7/15 Pow 8/13		48	MR-MS-3	43 56	2438
2404	Check			VS-5		
2405	B5331A4-15-3-4 7/15		49	MR-MS-3	43	2438
2406	B5335A3-10-5-1 7/15			MR-7	25	2441
2407	Check			VS-5		
2408	B5335A3-10-5-2 7/16			R-1	25	2441

Date		Plant	HO	Iodine	
1st	Full	hgt.	CO	56	57
Seed	Ripe	(in.)			
B5335A3-10-5-3			R-1		2409
7/15				25	
check			VS-5		2410
7/16					
B5335A3-10-5-3			R-1		2411
7/15				25-52	Pen 8/3
B5335A5-14-1			MR-2		2412
				24	
check			VS-5		2413
7/16					
B5335A5-14-2			MR-2		2414
7/19				24	
B5335A5-17-1			MS-2		2415
7/16				40	
check			VS-5		2416

	Date		Plant hgt. (in.)	HO CO	Iodine 56 57	
	1st Head	Full Ripe				
2417	B5335A5-17-2 7/16			MS-2	40	252
2418	B5335A5-17-3 7/16			MS-2	40	252
2419	check 7/16			VS-5		
2420	B5335A5-17-4 7/16 pgw 8/13			MS-2	40 65	252
2421	short stem B5335A5-17-5 7/16			MS-2	40	252
2422	check			VS-5		
2423	B5335A5-17-6 7/16 pgw 8/13			MS-2	40 71	252
2424	CP-231 7/15		50	MS-2		

	Date		Plant hgt. (m.)	HO CD	Iodine 56 57	
	1st Head	Full Ripe				
check				VS-5		2425
B5335 A5-23-1 7/15				MR-2	28	2426
B5335 A5-23-2 7/15				MR-2	28	2427
check				VS-5		2428
B5335 A5-23-3 7/18				MR-2	28	2429
B5335 A5-23-4 7/15				MR-1	28	2430
check				VS-5		2431
B5335 A5-33-1 7/25				MS-2	37	2432

	Date		Plant hgt. (in.)	HO CO	Jalisco 56 57	
	1st Head	Full Ripe				
2433	B5335A5-33-2 7/25			MS-1	37	255
2434	check			VS-5		
2435	B5335A5-33-3			MS-1	37	255
2436	B5335A5-33-4			MS-2	37	255
2437	check			VS-5		
2438	Bbt 50 7/24			S-2		255
2439	B5335A5-34-1 7/18			MS-2	35	255
2440	check			VS-5		

	Date		Plant hgt. (in.)	HO CO MR-1	Iodine 56 57	
	1st Flond	Full Ripe				
2	B5335A	5-34-2 7/16		MR-1	35 56 57	2441 Pow 8/13
2	B5335A	5-34-3 7/16		P-1	35	2442
	check			—		2443
	check			VS-3		2444
2	B5335A	5-34-4 7/16		MR-1	35	2445
0	B5335A	5-39-1 7/18		MR-1	32	2446
	check			VS-3		2447
	B5335A	5-39-2 7/16		MR-1	32 57	2448 Pow 8/13

Probably too tall, good grain type

	Date		Plant hgt. (in.)	HO CO MS-2	Iodine	
	1st Head	Full Rise			56	57
2449	B5335A5-39-3 7/16			MS-2	32	256
2450	check 7/16			VS-5		
2451	B5335A5-39-4 7/16			MR-1	32	2560
2452	B5335A5-39-5 7/17			MR-1	32	2560
2453	check 7/17			VS-5		
2454	B5335A5-44-1 7/15		50	MS-2	34	2567
2455	CP-231 7/15		51	MS-2		
2456	check 7/16			VS-5		

Date	Plant hgt. (in.)	H ₂ O CO	Iodine 56 57	
1st Seed	Full ripe			
B5335A5-44-2 7/15		MS-2	34	2457
B5335A5-45-1 7/15		MS-2	36	2458
check		VS-5		2459
B5335A5-45-2 7/15		MS-2	36	2460
B5335A5-45-3 7/15		MS-2	36	2461
check 7/16		VS-5		2462
B5335A5-47-1 7/19		MS-2	43	2463
B5335A5-47-2 7/19		MR-1	43 66	2464
Too tall.				Pow 8/13

	Date		Plant hgt. (in.)	HO CO	Iodine 56 57	
	1st Bloom	Full Ripe				
2465	Check			VS-5		
2466	B5335 A5-51-1 7/15 Too tall			MS-1	25 46	2578
2467	B5335 A5-51-2 7/19			MS-2	25	2578
2468	Check			VS-5		
2469	B5335 A5-51-3 7/15		55	MS-1	25	2578
2470	Bht 50 7/24			5-2		
2471	check 7/16			VS-5		
2472	B5335 A5-51-4 7/15			MS-2	25	2578

	Date		Plant hgt. (in.)	HO CO MP-1	Iodine 56 57	
	1st Seed	Full Ripe				
BS335A5-52-1	7/22				36	2473
check	7/16			VS-5		2474
BS335A5-52-2	7/15			P-1	36	2475
BS335A5-52-3	7/24			P-1	36	2476
check	7/16			VS-5		2477
BS335A5-53-1	7/15	56		MP-1	33	2478
BS335A5-53-2	7/15	56		MP-2	33	2479
check	7/16			VS-5		2480

	Date		Plant hgt. (in.)	HO CO	Iodine 56 57	
	1st Head	Full Ripe				
2481	B5335 A5-53-3 7/15		55	MR-1	33	2581
2482	B5335 A5-53-4 7/15		57	MR-1	33	2581
2483	check			VS-5		
2484	B5335 A5-66-1 7/15		51	R-1	40	2617
2485	B5335 A5-66-2 7/15		52	R-1	40	2617
2486	check					

	Date		Plant hgt. (in.)	HO CO	Iodine 56 57	
	1st Seed	Full Rise				
check 7/16				VS-5		2501
Dwarf mat. Hyb. (?)				HR-t ₂	22	2502
Dwarf mat. Hyb. (?)				HR-t ₂	22	2503
check 7/16				VS-5		2504
HO-473				R-t ₂		2505
HO-473				R-t ₂		2506
check 7/16				VS-5		2507
HO-473				R-t ₂		2508

	Date		Plant hgt. (in.)	HO CO R-t ₂	Iodine 56/57	
	1st Seed	Full Ripe				
2509	HO-473					2650
2510	check 7/16			VS-5		
2511	B38/2A1 7/19 Pow 8/13 Retain as seed stock			HA-t ₂		2653 32
2512	B38/2A1 7/19			R-1		2653
2513	check 7/16			VS-5		
2514	B38/2A1 7/19 Pow 8/13 Retain as seed stock			HA-t ₂		2652 37
2515	B38/2A1 7/19			HA-t ₂		2653
2516	check 7/16			VS-5		

	Date		Plant hgt. (in.)	HO CO	Iodine 56 57	
	1st Head	Full Ripe				
2525	check	7/16		VS-1		
2526	B38/2A			HA-1		2656
2527	B38/2A			HA-1		2656
2528	check			VS-1		
2529	B38/2A			HA-1		2656
2530	B545A1-20-1	7/16		AS-1	54	2730
2531	check			VS-1		
2532	B545A1-20-2	7/16		HA-1	54 88	2730
	par. 8/13					

	Date		Plant hgt. (in.)	HO CO	Iodine 56 57	
	1st Head	Full Ripe				
0	B545A1-20-3			MR-1	54	2533
	7/15					
	check			VS-1		2534
	7/16					
0	B545A1-20-4			ms-1	54	2535
	7/16					
6	B545A1-24-1			B-2	44	2536
	7/17					
	check			VS-1		2537
	7/16					
	CP-231			S-2		2538
	7/15		51			
6	B545A1-24-2			R-1	44 70	2539
	7/16		51			
	check			VS-5		2540

pan.
8/13

	Date		Plant hgt. (in.)	HO CO	Iodine 56 57	
	1st Head	Full Ripe				
2541	B545A1-24-3	7/15		R-1	44	2726
2542	B545A1-24-4	7/15		MS-1	44	2736
2543	check	not seen				
2544	check			VS-5		
2545	B545A1-34-1	7/15		MR-1	49	2751
2546	B545A1-34-2	7/15 pgw 8/13		MR-1	49 75	2751
2547	check	7/16		VS-5		
2548	B545A1-35-1	7/15		MR-1	52	2753

Date		Plant hgt. (in.)			
1st Seed	Full Ripe				
B545A1-35-2	7/15		HO CO	Iodine 56 57	2549
			AR-1	52 64	pg 8/13
Neon Plan					8/15 Kr.
check	7/16		VS-5		2550
B545A1-40-1	7/15		MS-1	58	2551
B545A1-40-2	7/16		MA-1	58 62	2552
					pg 8/13
check	7/16		VS-5		2553
B545A1-42-1	7/16	8/15	R-1	41 53	2554
					pg 8/13
Bbt 50	7/24		S-2		2555
check			VS-5		2556

	Date		Plant hgt. (in.)	HO CO	Iodine 56 57	
	1st Seed	Full Rise				
2557 per 8/13	B545A1-42-2 7/16		MR-1	41 64	276	
2558	B545A1-47-1 7/16		MR-1	33	277	
2559	check		VS-5			
2560 per	B545A1-47-2 7/17		MR-1	33	277	
2561	B545A1-47-3 7/16		MR-1	33	277	
2562	check 7/16		VS-5			
2563	B545A1-47-4 7/15		MR-1	33	277	
2564 per 8/13	B545A1-51-1 7/16		MR-1	39 55	277	

	Date	Plant hgt.	HO CO	Lodica 56/57	
check 7/16			VS-5		2565
B545 A1-51-2 777 7/16		MR-1		39	2566
B545 A1-51-3 777 7/15		MR-1		39	2567
check 7/16			VS-5		2568
B545 A1-51-4 777 7/16		MR-1		39	2569
CP-231 7/15		52	MS-2		2570
check 7/16			VS-5		2571
B545 A1-53-1 780 7/15		53	MS-2	58	2572

	Date		Plant hgt. (in.)	HO CO MS-2	Indine 56 57	
	1st Ecod	Full Ripe				
2573	B545A1-53 7/15	- 2 53			58	2780
2574	Check 7/16			VS-5		
2575	B345A1-53-3 7/15	54		MS-2	58	2780
2576	B545A1-53-4 7/15	53		MS-2	58	2780
2577	Check 7/16			VS-5		
2578	B545A1-61-1 7/15 Per 8/13 Hor. 8/27	54		MR-1	85	2808
2579	B545A1-61-2 7/15 Per 8/13	55		MR-1	65	2808
2580	Check			VS-5		

	Date		Plant hgt. (in.)	HO CO	Iodine 56 57	
	1st Seed	Full Ripe				
B545A1-61-3	7/16		55	MA-1		2531S pan 8/13
B546A1-63-4	7/16			MS2		2582 pan 8/13
check	7/16			VS-5		2583S
B546A1-63-5	7/16		53	MA-1		2584S pan 8/13
B546A1-63-6	7/17			MA-1		2585 pan
check				VS-5		2586S

	Date	Plant hgt. (in.)	HO CO	Iodine
	1st Head	Full Ripe		
2601	✓ Check 7/16		VS-5	56 57
2602	B545A1-62-1 7/15	51	MS-2	38 2809
2603	B545A1-62-2 7/15	52	MR-1	38 2809
2604	Check		VS-5	
2605	B545A1-62-3 7/15 Pan 8/13	52	MR-1	38 52 2809
2606	B545A1-62-4 7/15	54	MR-2	38 2809
2607	Check 7/17		VS-5	
2608	B545A1-65-1 7/15	52	MS-2	48 2809

	Date		Plant hgt. (in.)	HO CO	Iodine 56 57	
	1st Seed	Full Ripe				
4	B54 5A1-65-2		52	MS-2	48	2609
	7/14					
	check			VS-5		2610
	7/15					
23	B54 5A1-71-1		52	MS-2	52	2611
	7/15					
23	B54 5A1-71-2		53	S-2	52	2612
	7/15					
	check			VS-5		2613
	7/16					
26	B54 5A1-73-1		51	MS-2	53 98	2614
	7/14					per 8/13
26	B54 5A1-73-2		51	MS-2	53	2615
	7/14					
	check			VS-5		2616

	Date		Plant hgt. (in.)	HD CO	Incline 56 57	
	1st Seed	Full Ripe				
2617	B545A1-83-1 7/14	51	MS-2	54	2841	
2618	B545A1-83-2 7/14	51	MS-2	54	2841	
2619	check		VS-5			
2620	B545A1-83-3 7/14	52	MS-2	54	2841	
2621	B545A1-83-4 7/14	52	MS-2	54	2841	
2622	check 7/16		VS-5			
2623	B545A1-86-1 7/14 8/13 ^{Pen.}	52	MS-2	46 65	2845	
2624	CP-231 7/14	51	S-2			

1st Seed	Date		Plant hgt. (in.)	HO / Iodine		
	Full Ripe			CO	56 / 57	
Check				VS-5		2625
B545A1-86-2			53	MS-2	46	2626
5-7/14						
B545A1-86-3			53	MS-2	46	2627
5-7/14						
Check				VS-5		2628
B545A1-86-4			49	MS-2	46	2629
5-7/14						
B545A1-88-1				MS-2	32	2630
8-7/15						
Check				VS-5		2631
B545A1-88-2				MS-2	32	2632
8-7/17						

	Date		Plant hgt. (in.)	HO CO	Iodine		
	1st Head	Full h.			56	57	
2633	B545A1-89-1 7/14		53	R-1			2850
	pon 8/13 Hr. 8/29				33	45	
2634	Standard straw than others. check 7/15			VS-5			
2635	B545A1-89-2 7/15		51	MR-1			2850
	pon 8/10				33	55	
2636	B545A1-91-1 7/15			MS-1			2853
					48		
2637	B545A1-91-2 check			VS-5			
2638	Bbt 50 7/25			S-2			
2639	B545A1-91-2 7/14		53	MS-1			2853
					48		
2640	check 7/15			VS-5			

	Date		Plant hgt. (in.)	HO CO MS-1	48	
	1st Head	Full ripe				
353	B545A	1-91-3	54	MS-1	48	2641
353	7/15					
	B545A	1-91-4	53	MS-1	48	2642
	7/14					
	check			—		2643
	check			VS-5		2644
854	B545A	1-92-1		MS-2	48	2645
	7/14					
854	B545A	1-92-2		MS-2	48	2646
	7/14					
	check			VS-5		2647
854	B545A	1-92-3		MS-2	48	2648
	7/14					

	Date		Plant hgt. (in.)	HO CO	Iodine 56 57	
	1st Good	Full Ripe				
2649	B545A1-92-4 7/14			MS-2	48	2854
2650	check			VS-5		
2651	B545A1-93-1 7/15 Pony 8/13			MR-2	31 60	2856
2652	B545A1-93-2 7/14			MS-1	31	2856
2653	check 7/14			VS-5		
2654	B545A1-93-3 7/13 Pony 8/13 In 8/15			MR-1	31 70	2856
2655	CD 231 7/13		49	MS-3		
2656	check 7/15			VS-5		

	Date		Plant hgt. (in.)	HD CO	Iodine 56/57	
	1st Head	Full Ripe				
B545A1-93-4	56	7/14		MS-2	31	2657
B545A1-98-1	63	7/14	50	R-1	52/49	2658
green phase. check		7/15		VS-5		2659
B545A1-98-2	63	7/11		MS-2	52	2660
B545A1-99-1	65	7/14		MA-1	40/60	2661
check		7/15		VS-5		2662
B545A1-99-2	65	7/14		MA-1	40	2663
B545A1-99-3	65	7/14		MS-1	40	2664

	Date		Plant hgt. (in.)	HO CO	Iodine	
	1st Head	Full Ripe			56	57
2665	Check 7/15			VS-5		
2666	B545 A1-99-4 7/14 Pur 8/13		51	MR-1	40 80	2865
2667	B546 A1-1-1 7/14			MS-1	25	2872
2668	Check 7/15			VS-5		
2669	B546 A1-1-2 7/15 Pur 8/13 8/29 Hr. Green foliage.		51	MS-1	25 73	2872
2670	B6750 7/25			S-2		
2671	Check			VS-5		
2672	B546 A1-1-3 7/14 Pur 8/13		50	MS-1	25 49	2872

Date		Plant hgt. (in.)	HO	Iodine	
1st Head	Full Ripe		CO	56 57	
B546A1-1-4	7/13		MS-2	25	2673
check	7/14		VS-5		2674
B546A1-4-1	7/13		MS-2	58	2675
B546A1-4-2	7/13		MS-2	58	2676
check			VS-5		2677
B546A1-4-3	7/13		MS-2	58	2678
B546A1-4-4	7/13		MS-1	58	2679
check			VS-5		2680

2681

Date	
1st Head	Full Ripe
B546A1-5-1	7/13

Plant hgt. (in.)

HO
CO
AR-1

Iodine
56 57

58

2878

2682

B546A1-5-2	7/13
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AR-1

58

2878

2683

check
7/14

VS-5

2684

B546A1-20-1	7/13
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MS-2

55

2917

2685

B546A1-20-2	7/13
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MS-1

55

2917

2686

check
7/14

VS-5

Block 12-13, E.
8/5

39

	Date		Plant hgt. (in.)	HO / Iodine		
	1st Head	Full ripe		CO	56 / 57	
check				VS-4		2701
B546 A1-20-3 27 7/25				MS-2	55	2702
B546 A1-20-4 27 7/25				MS-1	55	2703
check				VS-4		2704
B546 A1-22-1 20 7/25				MS-1	34	2705
B546 A1-22-2 20 7/25				MS-2	34	2706
check				VS-4		2707
B546 A1-28-1 29 7/25				MS-2	36 84	2708

from
9/10

	Date		Plant hgt. (in.)	HO CO	Iodine	
	1st Head	Full Ripe			56	57
22709	B546A1-28-2	7/25		MS-2	36	29
22710	check			VS-5		
22711	B546A1-29-1	7/24		MR-1	34	29
22712	B546A1-29-2	7/24		MR-1	34	29
2713	check			VS-4		
2714	B546A1-34-1	7/24		MR-1	34	29
	1 PGW 9/10			MS-1	80	
2715	B546A1-34-2	7/25		MR-1	34	29
	PGW 9/10			MS-1	38	
2716	check			VS-4		

	Date		Plant hgt. (in.)	HO Co	Iodine 56 57	
	1st Seed	Full Ripe				
238	B546 A1-24-3 7/25			MR-1	34	2717
238	B546 A1-34-4 7/25			MR-1	34	2718
	Chocn			VS-4		2719
44	B546 A1-38-1			MR-1	30	2720
44	B546 A1-38-2 7/25			MR-1	30	2721
	Chocn			VS-4		2722
54	B545 A1-5-1			MR-	49	2723
	CP231 7/25			MS-2		2724

	Date		Plant hgt. (in.)	HO CO	Iodine 56 57	
	1st Head	Full Ripe				
2725	Check			VS-4		
2726	B545A1-5-2 7/25			MA-1	49	295
2727	B545A1-5-3 7/25			MA-1	49	295
2728	Check			VS-4		
2729	B545A1-5-4 7/25 Pew 9/10			MA-1 MS-1	49 98	29
2730	B545A2-10-1 7/25			MA-1	42	29
2731	Check			VS-4		
2732	B545A2-10-2 7/25			MS-2	42	29

Date		Plant htg. (in.)	Ho Co	Iodine 56 57	
1st Head	Full Ripe				
B545A2-10-3			MR-1	42	2733
Check			VS-4		2734
B545A2-10-4			MR-1	42	2735
B545A2-11-1			MR-1	31 60	2736 Pov 9/10
Check			VS-4		2737
B545A2-11-2			MR-1	31 58	2738
B545A2-11-2			VS-2		2739
Check			VS-4		2740

	Date		Plant hgt. (in.)	Ho/ Co	Iodine	
	1st Head	Full Ripe			56	57
2741	B545A2-11-3, 7/25			MR-1	31	296
2742	B545A2-11-4, 7/25			MR-1	31	296
	pgn 9/10	Very clean foliage.		MS-1	56	
2743	check			VS-4		
2744	check			VS-4		
2745	B545A2-14-1 7/25			MR-1	34	296
2746	B545A2-14-2			MR-1	34	29
2747	check			VS-4		
2748	B545A2-14-3 7/25			MR-1	34	29

	Date		Plant hgt. (in.)	HO Co	Iodine 56 57	
	1st Seed	Full Ripe				
28	B545A2-14-4			MR-1	34	2749
	Check			VS-4		2750
28	B545A2-14-5			MR-1	34	2751
28 7/25	B545A2-14-6			MR-1	34	2752
	Check			VS-4		2753
7/1 7/25	B545A2-14-1			MR-1	27	2754
	CP 231			MS-2		2755
7/25						
	Check			VS-4		2756

	Date		Plant hgt. (in.)	HO Co	Iodine 56 57
	1st Seed	Full Ripe			
2757	B545 A 2-16-2 7/25			MS-1	27 297
2758	B545 A 2-16-3 7/25			MS-1	27 297
2759	check			VS-4	
2760	B545 A 2-16-4 pow 9/10			MS-1 ₂	27 43 297
2761	B545 A 2-17-1 7/25			MR-1	34 297
2762	check			VS-4	
2763	B545 A 2-17-2 7/24			MR-1	34 297
2764	B545 A 2-17-3 7/25			MR-1	34 297

	Date		Plant hgt. (in.)	Ho Co VS-4	Iodine 56/57	
	1st Seed	Full Ripe				
Choca						2765
B545A2-17-4 72 7/25			MR-1		34	2766
B545A2-17-5 72 7/24			MR-1		34	2767
Choca			VS-4			2768
B545A2-17-4 72 7/24			MR-1		34	2769
Alt. 50			S-1			2770
Choca			S-4			2771
B545A2-18-1 74 7/25			MS-2		73	2772

	Date		Plant hgt. (in.)	Ho Co	Iodine	
	1st Head	Full Ripe			56	57
2773	B545 A 2-18-2 7/24			MS-2	73	297
2774	check			VS-4		
2775	B545 A 2-18-3 7/24			MS-2	73	297
2776	B545 A 2-18-4 7/24			MS-2	73	297
2777	check			VS-4		
2778	B545 A 2-18-5 7/25			MS-1	73	297
2779	B545 A 2-18-6 7/25			MS-2	73	297
2780	check			VS-4		

	Date		Plant hgt. (in.)	H ₂ O Co	Iodine 56 57	
	1st Seed	Full Ripe				
975-7/25	B545A2-	19-1	MR-1	41		2781
975 7/25	B545A2-	19-2	MS-2	41		2782
check			VS-4			2783
84 7/25	B545A2-25-1		MS-1	60		2784
84 7/25	B545A2-25-2		MR-1	60		2785
check			VS-3			2786

	Date		Plant hgt. (in.)	HO CO	Iodine	
	1st Seed	Full Ripe			56	57
2801	check					
2802	B545 A2-25-3 7/24				60	298
2803	B545 A2-25-4 7/25				60	298
2804	check					
2805	B545 A2-25-5 7/24				60	298
2806	B545 A2-25-6 7/24 pcw 9/10 Heavy Rain			HA-2 HA-1	60 99	298
2807	check					
2808	B545 A2-26-1 7/25				54	300

	Date		Plant hgt. (in.)	Ho/ Lo	Iodine 56/57	
	1st Good	Full Ripe				
32	B545	A2-26-2				2809
	7/24				54	
	choen					2810
32	B545	A2-26-3				2811
	7/24				54	
32	B545	A2-26-4				2812
	7/25				54	
	choen					2813
35	B545	A2-33-1				2814
					48	
35	B545	A2-33-2				2815
	7/25				48	
	good CP type.				81	
	Productive.					Pow 9/10
	choen					2816

	Date		Plant hgt. (in.)	HO CO	Iodine 54 57	
	1st Eond	Full Ripe				
2817	B545 A2-33-3					
	7/25					
	pen 9/10					
					48 96	30/5
2818	B545 A2-33-4					
	7/25					
					48	30/5
2819	Check					
2820	B545 A2-37-1					
	7/25					
					52	30/8
2821	B545 A2-37-2					
					52	30/8
2822	Check					
2823	B545 A2-37-3					
	7/25					
	pen 9/10					
					52 52	30/8
2824	BKT. 50					

1st Elood	Date	Plant height	H ₂ O Co	Iodine 56/57		
check						2825
B545A2-37-4 8 7/24				52		2826
B545A2-41-1 24 7/24				56/64	9/10	2827
good CP type. check						2828
B545A2-41-2 24 7/25				56		2829
B545A2-41-3, 24 7/25				56/66	9/10	2830
check						2831
B545A2-41-4, 24 7/24				56		2832

	Date		Plant hgt. (in.)	HO Co	Iodine 56 57	
	1st Ecod	Full Ripe				
2833	B545 A2-42-1 7/24			/	52	3026
2834	check					
2835	B545 A2-42-2 7/24			/	52	3026
2836	B545 A2-42-3 7/24			/	52	3026
2837	check					
2838	PP 231 7/25					
2839	B545 A2-42-4 7/24			/	52	3026
2840	check					

Date		Plant hgt. (in.)	HO CO	Iodine 56 57	
1st Head	Full Ripe				
B545A2-43-1					2841
7/24				59	
B545A2-43-2			MS-2		2842
7/24			MS-1	59 73	pon 9/10
choen					2843
choen					2844
B545A2-43-3					2845
7/24				59	
B545A2-43-4					2846
7/25				59	
choen					2847
B545A2-44-1					2848
7/25				24 30	pon 9/10
a little fall					

	Date		Plant hgt. (in.)	Ho Co	Iodine 56 57	
	1st Head	Full Ripe				
2849	B545 A2-44-2 7/25				24	3029
2850	check					
2851	B545 A2-44-3 7/25 a little / all shorter Bl. 50. Per 9/10				24 30	3029
2852	B545 A2-44-4 7/25				24 42	3029
2853	check					
2854	B545 A2-44-5 Per 9/10				24 42	3029
2855	Bl. 50					
2856	check					

	Date		Plant hgt. (in.)	Ho Co	Iodine 56/57	
	1st Head	Full Ripe				
3029	B545	A 2-44-6	7/25		24	2857
3039	B549A	1-1-1	7/24		37/40	2858 per 9/10
	Choca					2859
3039	B549A	1-1-2	7/25		37	2860
3039	B549A	1-1-3	7/24		37/37	2861 per 9/10
	Very good grain type					2862
	check					
3039	B549A	1-1-4	7/25		37	2863
3039	B549A	1-1-5	7/24		37	2864

	Date		Plant hgt. (in.)	Ho Co	Iodine 56 57
	1st Head	Full Ripe			
2865	Chocn				
2866	B549A1-1-6, 7/25			37	3039
2867	B549A1-5-1 7/24 shorter than cl. CP type			50 56	3045
2868	Chocn				
2869	B549A1-5-2 7/24 CP height good CP type			50 66	3045
2870	CP 231 7/25				
2871	Chocn				
2872	B549A1-5-3 7/23			50	3045

3045 lines good straw types

49

	Date		Plant hgt. (in.)	Ho Co	Iodine 56 57	
	1st Head	Full Ripe				
045	B549A1-5-4	7/24	50	43	2873	pon 9/10
	check				2874	
045	B549A1-5-5	7/24	50	58	2875	pon 9/10
045	B549A1-5-6	7/23	50		2876	
	check				2877	
053	B549A1-10-1	7/24	46		2878	
053	B549A1-10-2	7/24	46		2879	
	check				2880	

	Date		Plant hgt. (in.)	HO CO	Iodine
	1st Head	Full Ripe			
2881	B549A1-10-3 7/24				56-57 46 3053
2882	B549A1-10-4 7/24				46 3053
2883	check				
2884	B549A1-11-1 7/24				44 3054
2885	B549A1-11-2 7/24				44 3054
2886	check				

Date 1st Bloss	Full Bloss	Plant hgt. (in.)	Ho/ Co	Iodine 56/37	
check					2901
BS4 9A1-11-3 054 7/24			/	44	2902
BS4 9A1-11-4 054 7/24			/	44	2903
check					2904
BS4 9A1-16-1 062 7/25			/	29	2905
BS4 9A1-16-2 062 7/25			/	29 51	2906 062 9/10
check					2907
BS4 9A1-16-3 062 7/25			/	29	2908

	Date		Plant hgt. (in.)	H/O C0	Iodine	
	1st Head	Full Ripe			56	57
2909	B549A1-16-4 7/24				29	3062
2910	check					
2911	B549A1-16-5 7/24				29	3062
2912	B549A1-16-6 7/24				29	3062
2913	check					
2914	B549A1-21-1 7/25 cotype				69 43	3069
2915	B549A1-21-2 7/24				69	3069
2916	check					

	Date		Plant hgt. (in.)	H/O Co	Iodine 56/57	
	1st Head	Full Ripe				
B549A1-21-3						2917
69 7/25 CP type					69/70	Don 9/10
B549A1-21-4						2918
69 7/24 CP type					69/68	Don 9/10
check						2919
B5410A3-1-1						2920
81 7/25					27	
B5410A3-1-2						2921
81 7/25					27	
check						2922
B5410A3-1-3						2923
81 7/25					27	
CP231 7/25						2924

	Date		Plant hgt. (in.)	H ₂ O Co	Iodine	
	1st Head	Full Ripe			56	57
2925	check					
2926	B54/10 A3-4 7/24				27 53	3081
	Paw 9/10 Sine CP on H.O.					
2927	B54/10 A3-8-1 7/25				32	3108
2928	check					
2929	B54/10 A3-8-2 7/25				32 92	3108
	Paw 9/10					
2930	B54/10 A3-9-1 7/25				33	3109
2931	check					
2932	B54/10 A3-9-2 7/25			MS-1	33 47	3109
	Paw 9/10					

	Date		Plant hgt. (in.)	H ₂ O CO	Iodine 56 57	
	1st Head	Full Ripe				
121	B54	10 A 3-	17-1	/	33	2933
	check					2934
121	B54	10 A 3-	17-2	/	33 52	2935 pon 9/10
121	B54	10 A 3-	21-1	/	38 77	2936 pon 9/10
	check					2937
	B.H. 50					2938
121	B54	10 A 3-	21-2	/	38	2939
	check					2940

	Date		Plant hgt. (in.)	Ho Co	Indine 56 57	
	1st Bred	Full Ripe				
2941	B5410 A3-21-3 7/24				38	3/27
2942	B5410 A3-21-4 7/25 pow 9/10 check				38 90	3/27
2943						
2944	check					
2945	B5410 A3-26-1 7/24				58	3/35
2946	B5410 A3-26-2 7/24				58	3/35
2947	check					
2948	B5410 A3-36-1 7/25				56	3/50

	Date		Plant hgt. (in.)	HO CO	Iodine 56 57	
	1st Seed	Full Ripe				
150	B54/10 A3-36-2 7/25				56	2949
	ChocR					2950
81	B54/10 A3-57-1 7/23				60	2951
81	B54/10 A3-57-2 7/23				60	2952
	ChocR					2953
205	B54/10 A4-2-1 7/24				35	2954
	EP231 7/25					2955
	ChocR					2956

	Date		Plant hgt. (in.)	HO CO	Iodine	
	1st Head	Full Ripe			56	57
2957	B5410 A4-2-2					
	7/24					
	shorter than co.					
	Pan 9/10					
					35	54
						3205
2958	B5410 A4-2-3					
	7/24					
	Pan 9/10					
				MS-1		
				S-2	35	53
						3205
2959	Choca					
2960	B5410 A4-2-4					
	7/25					
	Pan but no record of Pan for					
				MS-1		
				MS-1	35	54
						3205
2961	B5410 A4-5-1					
	7/25					
					28	
						3209
2962	Choca					
2963	B5410 A4-5-2					
	7/25					
	Pan 9/10					
					28	68
						3209
2964	B5410 A4-21-1					
	7/25					
	Pan 9/10					
					45	38
						3233

	Date		Plant hgt. (in.)	HO CO	Lodging 56 57	
	1st Head	Full Ripe				
Check						2965
233 7/4 B5410 A4-21-2 4" shorter than CO. Small stems good tillering					45 68	2966 Poor 9/10
233 7/4 B5410 A4-21-3 like 2966.					45 77	2967 Poor 9/10
Check						2968
233 7/24 B5410 A4-21-4 taller than 2966 & 67. gain too short.					45 49	2969 Poor 9/10
Blt. 50						2970
Check						2971
251 7/25 B5410 A4-33-1 Shorter than C.P. good C.P. type.					32 70	2972 Poor 9/10

	Date		Plant hgt. (in.)	HO CO	Iodine	
	1st Head	Full Ripe			56	57
2973	B5410 A4-33-2					
	7/25 grain too short					
	PGR 9/10					
	check				32	3251
					51	
2974						
	B5410 A4-46-1					
	7/25					
	PGR 9/10					
	check				42	3271
					64	
2976	B5410 A4-46-2					
	7/24					
					42	3271
	check					
2977						
	B5410 A4-46-3					
	7/24					
	PGR 9/10					
	check				42	3271
					48	
2979	B5410 A4-46-4					
	7/24					
					42	3271
	check					
2980						

	Date		Plant hgt. (in.)	HO CO	Iodine 56 57	
	1st Seed	Full Ripe				
B54 8A1-9-1						2981
14 hide bag Jagz Dmg					26 30	PCW 9/10
B54 8A1-9-2						2982
14 7/25					26	
check						2983
						2984
23					28	
						2985
23					28	
check						2986

	Date		Plant hgt. (in.)	HO CO	Iodine 56 57
	1st Head	Full Ripe			
3001	check				
3002	B54 29 A1-10-1				49 342
3003	B54 29 A1-10-2				49 342
3004	check				
3005	B54 29 A1-10-3		R-3		49 342
Pow 9/10	Good rain force		R-		44
3006	B54 29 A1-10-4		MR-2		49 342
Pow 9/10			R-		44
3007	check				
3008	B54 29 A1-10-5				49 342

	Date		Plant hgt. (in.)	HO CO	Iodine 56 57	
	1st Flower	Full Ripe				
427	B5429	A1-16-6				3009
					49	
	check					3010
438	B5429	A1-17-1				3011
					30	
438	B5429	A1-17-2				3012
					30	
	check					3013
438	B5429	A1-17-3				3014
					30	
438	B5429	A1-17-4				3015
					30	
	check					3016

	Date		Plant hgt. (in.)	Ho Co	Iodine 56 57
	1st Head	Full Ripe			
3017	B54 29 A 2-17-1				40 / 53 3479
Per 9/10					
3018	B54 29 A 2-17-2				40 / 53 3479
3019	check				
3020	B54 29 A 2-17-3				40 / 53 3479
3021	B54 29 A 2-17-4				40 / 53 3479
Per 9/10	Shade the B.H.				
3022	check				
3023	B54 29 A 2-18-1				34 / 47 3479
Per 9/10					
3024	B.H. 50				

	Date		Plant hgt. (in.)	HO CO	Iodine 56 57	
	1st Ripe	Full Ripe				
check						3025
475- B5429 A2-18-2			R-2	R-0	34/47	3026 Pon 9/10
475- B5429 A2-18-3			MR-2	R-0	34/45	3027 Pon 9/10
check						3028
475- B5429 A2-18-4					34/48	3029 Pon 9/10
3475- B5429 A2-18-5					34/49	3030 Pon 9/10
check						3031
3475- B5429 A2-18-6					34	3032

	Date		Plant hgt. (in.)	HO CO	Iodine	
	1st Seed	Full Ripe			56	59
3033	B5429 A3-32-1				33	356
3034	Check					
3035	B5429 A3-32-2				33	356
3036	B5429 A3-32-3				33	356
3037	Check					
3038	CP231 7/25					
3039	B5429 A3-32-4				33	356
3040	Check					

	Date		Plant hgt. (in.)	HO CO	Iodine 56 57	
	1st Seed	Full Ripe				
838	7/24	B505 A1-17-1-1-1		22		3041
838	7/24	B505 A1-17-1-1-2		22	43	3042
		spreading growth habit				9/10
		check				3043
		check				3044
838	7/24	B505 A1-17-1-1-3		22		3045
842	7/24	B505 A1-17-1-2-1		33		3046
		check				3047
842	7/23	B505 A1-17-1-2-1		33	54	3048
		Heavy flower. Long buds				9/10

	Date		Plant hgt. (in.)	HO CO	Incline	
	1st Head	Full Rise			56	57
3049	B505	17-17-1-2, ¹ 7/24			26	384
3050	check					
3051	B505	17-17-1-2-2 7/24			26	384
3052	B505	17-17-1-2-3 7/24			25 41	384
	Heavy Row, Strong Pencil					
3053	check					
3054	B505	17-17-1-2-4 7/24			25	384
3055	B.H. 50					
3056	check					

	Date		Plant hgt. (in.)	40 C.O.	Iodine 56 57	
	1st Head	Full Ripe				
851 7/24	B505	A1-17-1-2-1				3057
					33	
851 7/24	B505	A1-17-1-2-2				3058
					33	
check						3059
851 7/24	B505	A1-17-1-2-3				3060
					33	
851 7/24	B505	A1-17-1-2-4				3061
		Heavy Row Long Ponicles			33 63	pa 9/10
check						3062
851 7/24	B505	A1-17-1-2-5				3063
		Heavy Row Long Ponicles			33 71	pa 9/10
851 7/24	B505	A1-17-1-2-6				3064
					33	

	Date		Plant hgt. (in.)	40 C0	Iodine 56 57
	1st Head	Full Ripe			
3065	check				
3066	B505 A1-28-7-1-1 7/24 pow 9/10 Hr. Heavy Row			28 48	3853
3067	B505 A1-28-7-1-2 7/24 pow 9/10 Hr. Heavy Row			28 38	3853
3068	check				
3069	B505 A1-28-7-1-3 7/24 pow 9/10 Hr. Heavy Row			28 39	2853
3070	CP231 7/25				
3071	check				
3072	B505 A1-28-7-1-4 7/24 pow 9/10 Hr.			28 42	2853

	Date		Plant hgt. (in.)	Ho Co	Iodine 56 57	
	1st Seed	Full Ripe				
854	B505	7/24	A1-28-7-1-1	/	24	3073
	check					3074
856	B505	7/24	A1-28-7-1-2	/	24	3075
857	B505	7/24	A1-28-7-1-3	/	27 47	3076 Pa 9/10
	check					3077
857	B505	7/24	A1-28-7-1-4	/	27	3078
850	B505	7/24	A1-28-7-1-5	/	28	3079
	check					3080

	Date		Plant hgt. (in.)	Hd Co	Jodine	
	1st Ecod	Full Bipe			56	57
3081	B505 A1-28-7-1- 7/24				28	386
3082	B505 A1-28-7-3- 7/24				40	386
3083	Choca					
3084	B505 A1-28-7-3- 7/23				40	386
3085	B505 A1-28-7-3- 7/23				40	386
3086	Choca					

	Date		Plant hgt.	H ₂ O CO	Iodine 56/57	
	1st Head	Full R				
Check						3101
3846 7/25	B505	A1-28-7-3-		40		3102
3846 7/25	B505	A1-28-7-3		40		3103
Check						3104
3846 7/25	B505	A1-28-7-3-		40		3105
3918	B505	A1-66-1-2-1	MS-1	32	548	3106
Check						3107
3918 7/25	B505	A1-66-1-2-2		32	56	3108

POW
9/12

POW
9/10

46 family for
2/1/98

Date		Plant hgt. (in.)	Ho Co	Sundine 56 57
1st Head	Full Ring			

B505 A1-66-1-2-3

3109

po
9/10

32 392
53

3110

check

B505 A1-66-1-2-4

3111

po
9/10

32 390
34 51

B506 A1-3-3-3-

3112

34 392

3113

check

3114

7/25

34 392

B507 A1-58-9-3-

3115

29 393

3116

check

	Date		Plant hgt. (in.)	H ₂ O Co	Iodine 56 57	
	1st Head	Full Ripe				
3951	7/25		B507 A1-58-9-3-	/	27	3117
3953	7/25		B507 A1-58-9-3-	/	34	3118
			Chen			3119
3953	7/25		B507 A1-58-9-3	/	34	3120
3946			B508 A2-160-3-2-	/	23	3121
			Chen			3122
3946	7/25		B508 A2-180-3-2-	/	23	3123
			C.P. 231 7/25			3124

	Date		Plant hgt. (in.)	H ₂ O Co	Iodine <u>56</u> 57
	1st Head	Full Ripe			
3125	Check				
3126	B508 A2-100-3-2-				27 396
3127	B508 A2-100-3-2-				27 396
3128	Check				
3129	B508 A2-100-3-2-				30 396
3130	B508 A2-100-3-2-			B-3	30 50 396
	Par 9/10 Heads too short				
3131	Check				
3132	B508 A2-100-3-2				25 397

	Date		Plant hgt. (in.)	H ₀ / C ₀	Iodine <u>56</u> / <u>57</u>	
	1st Head	Full Rise				
971	B508 A 2 - 100 - 3 - 2			/	<u>25</u>	3133
	check					3134
972	B508 A 2 - 100 - 3 - 2			/	<u>33</u>	3135
972	B508 A 2 - 100 - 3 - 2			/	<u>33</u>	3136
	check					3137
	Blt. 50.					3138
935	B55136 A 19 Blt. 50 x (Blt 50 x NO 341)					3139
	check					3140

	Date		Plant hgt. (in.)				
	1st Head	Full Ripe					
3141							14.
3142							14.
3143	<i>check</i>						
3144	<i>check</i>						
3145							14.
3146							14.
3147	<i>check</i>						
3148							14.

	Date		Plant hgt. (in.)				
	1st Head	Full Ripe					
36	B 55136 A 20						3149
	check						3150
36							3151
36							3152
	check						3153
36							3154
	CP-231 7/25						3155
	check						3156

Date		Plant hgt. (in.)
1st Head	Full Rise	

3157

14

3158

pc
9/10

52

14

check

3159

B55136A17
7/25

3160

14

3161

7/25

14

check

3162

B55136A17

3163

pc
9/10

67

14

3164

7/25

14

	Date		Plant hgt. (in.)			
	1st Seed	Full Ripe				
3173						143
3174	check					
3175	7/25					143
3176	B55136 A13 7/25					143
3177	check					
3178	7/25					143
3179	7/25					14
3180	check					

	Date		Plant hgt. (in.)				
	1st Seed	Full Ripe					

38 3181

38 7/25 3182

check 3183

38 ~~56~~ 3184
 per
 9/10

39 7/25 3185
 855 136 A 24

check 3186

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
3201	check					
3202	7/25					19
3203	7/23					14
3204	check					
3205	7/24					14
3206	7/24					14
3207	check					
3208	7/25					14

	Date		Plant hgt. (in.)				
	1st Head	Full Ripe					
99						3209	
	check					3210	
99	7/25					3211	
139	7/25				68	3212	
	Too tall check					3213	
99	7/25					3214	
90	B55 B36 A21 7/25				65 2 50 50	3215	
	check					3216	

Per
9/10

2 bundles

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
3217	7/25			66		14
pen 9/10	too tall.					
3218	7/25					14
3219	check					
3220						14
3221	7/25					14
3222	check					
3223	7/25					14
3224	Bot 50					

	Date		Plant hgt. (in.)				
	1st Eoad	Full Ripe					
	check						3225
11	B55136 A 1						3226 (395)
11							3227 (396)
	check						3228
11							3229 (397)
11							3230 (398)
	check						3231
11							3232 (399)

	Date		Plant hgt.			
	1st Seed	Full				
3233 (401)						14
3234	check					
3235 (402)						14
3236 (403)						14
3237	check					
3238	CP-231 7/25					
3239 (404)						14
3240	check					

	Date		Plant hgt. (in.)				
	1st Head	Full Ripe					
441						3241	(405)
441						3242	(406)
check						3243	
check						3244	
441						3245	(407)
441						3246	(408)
check						3247	
441						3248	(409)

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
3249 (9/10)						14
3250 (1/11)	Check					
3251 (4/11)						14
3252 (4/12)						14
3253	Check					
3254 (4/13)						14
3255	Bbt 50					
3256	Check					

	Date		Plant hgt. (in.)				
	1st Seed	Full Ripe					
41						3257	(414)
41						3258	(415)
check						3259	
41						3260	
41						3261	
check						3262	
41						3263	
41						3264	

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
3265	Check					
3266						1/4
3267						1/4
3268	Check					
3269						1/4
3270	CP-231 7/15					
3271	Check					
3272						1/4

	Date		Plant bet.				
	1st	2nd					
41							3273
check							3274
41							3275
41							3276
check							3277
41					60		3278 9/10
41							3279
check							3280

	Date		Plant hgt. (in.)			
	1st Elood	Full Ripe				
3281						14
3282						14
3283	Check					
3284						14
3285						14
3286	Check					
3287						
3288						

	Date		Plant hgt. (in.)				
	1st Ebud	Full Ripe					
41	check						3301
41							3302
41							3303
	check						3304
41							3305
12	B55/36A	29					3306
	check						3307
42							3308

	Date		Plant hgt. (in.)			
	1st Seed	Full Ripe				
3309						14
3310	Check					
3311						14
3312						15
3313	Check					
3314	7/25					15
3315	B55/36 A 9				56	14
3316	Check					

Page
9/10

	Date		Plant hgt. (in.)			
	1st Head	Full				
'4				<u>54</u>		3317 Pb 9/10
'4				<u>51</u>		3318 Pb 9/10
					700 tall, Resistant to C.O.	
					Check	3319
'4						3320
'4						3321
					check	3322
				<u>53</u>		3323 Pb 9/10
					R to C.O.	
					CP-231 7/23	3324

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
3325	check					
3326						144
3327						144
3328	check					
3329	par 9/10	R to C.O. Not too full. R to H.O.		50		144
3330				52		144
3331	check					
3332	B55136 A6			53	144	
(416)						
par 9/10						

	Date		Plant hgt. (in.)				
	1st Seed	Full Ripe					
'5				54	54	3333	(417) Per 9/10
	check					3334	
'5						3335	(418)
'5						3336	(419)
	check					3337	
	Bbt 50					3338	
'5				48		3339	(421) Per 9/10
	check					3340	

	Date		Plant: hgt. (in.)		
	1st Ebud	Full Ripe			
3341 (422) pc 9/10	} shorter than previous wave.			61	144
3342 (423) pc 9/10				63	144
3343	check				
3344	check				
3345 (424)					144
3346 (425)					144
3347	check				
3348 (426) pc 9/10				63	144

	Date		Plant hgt. (in.)				
	1st Head	Full Ripe					
15							3349
	check						3350
15							3351
15					61		3352
	Slightly taller than C.P.						pon 9/10
	check						3353
45					57		3354
	CP-231						pon 9/10
	7/25						3355
	check						3356

	Date		Plant hgt. (in.)			
	1st Ecod	Full Ripe				
3357						144
3358						144
3359	check					
3360						144
3361				60		144
	per 9/10					
3362	check					
3363						144
3364						144

	Date		Plant hgt. (in.)					
	1st Eood	Full Ripe						
check								3365
16 B55 136 A 31								3366
46								3367
check								3368
46								3369
B67 50								3370
check								3371
46								3372

	Date		Plant hgt. (in.)			
	1st Breed	Full Ripe				
3373	7/25					1446
3374	check					
3375						1441
3376	B55/36 A 11			52		1441
(427) Pov 9/10						
3377	check					
3378						1441
(428)						
3379						1441
(429)						
3380	check					

	Date		Plant hgt. (in.)				
	1st Head	Full Ripe					
47						3381	(430)
17						3382	(431)
check						3383	
17						3384	
47						3385	
check						3386	

	Date		Plant hgt. (in.)			
	1st Ecod	Full Ripe				
3401	Chuck					
3402						144
3403				52		144
	Per 9/10					
3404	Chuck					
3405						144
3406						144
3407	Chuck					
3408						144

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
7				59		3409
	check					por 9/10
						3410
7				51		3411
						por 9/10/57
7						3412
	check					3413
7						3414
7						3415
	check					3416

	Date		Plant hgt. (in.)			
	1st Egg	Full Ripe				
3417						144
3418				54		144
3419	Check					
3420						144
3421						144
3422	Check					
3423						144
3424	CP-231 7/25					

	Date		Plant hgt. (in.)			
	1st Head	Full Rise				
	Chuck					3425
17				49 50		3426 per 9/10
17				49		3427 per 9/10
	Chuck					3428
17						3429
49	7/25					3430
	B55/136 B15					
	Chuck					3431
49						3432

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
3433	7/25					14
3434	check					
3435	7/25					14
3436	7/24					14
3437	check					
3438	Bt 50					
3439	7/25					14
3440	check					

	Date		Plant hgt. (in.)				
	1st Seed	Full Rise					
9	7/25						3441
19	7/25						3442
check							3443
check							3444
49	7/25						3445
49	7/25						3446
check							3447
49							3448

Date		Plant hgt. (in.)
1st Head	Full Ripe	

3449

7/25

3450

Check

3451

7/25

3452

7/25

3453

Check

3454

7/25

3455

CP-231
7/25

3456

Check

	Date		Plant hgt. (in.)				
	1st Head	Full Ripe					
149	7/25						3457
149	7/25						3458
	check						3459
149							3460
149				#247			3461
	check					Don 9/10	3462
149	7/25						3463
450	55136 A 23						3464
1450	line l.o. susceptible.						

	Date		Plant hgt. (in.)			
	1st Seed	Full Ripe				
3465	Check					
3466						14
3467						14
3468	Check					
3469						14
3470	Blt 50					
3471	Check					
3472						14

	Date		Plant hgt. (in.)				
	1st Head	Full Ripe					
450							3473
	check						3474
452	B55136 A8 7/25						3475
452	7/25						3476
	check						3477
452	7/25						3478
452							3479
	check						3480

Date		Plant hgt. (in.)
1st Head	Full Ripe	

3481

7/25

14

3482

7/26

14

3483

Check

3484

B55/36 A 3

(432)

~~#42~~

14

3485

~~46~~

(433)

14

3486

Check

	Date		Plant hgt. (in.)				
	1st Head	Full Ripe					
	check						3501
153					43 41		3502 (434) Pan 9/11
153							3503 (435)
	check						3504
153	short ht shorter than C P 231				43		3505 (436) Pan 9/11
453	BBA 50 ls				42		3506 (437) Pan 9/11
	check						3507
1453	shorter than BBA 50, and short flag type				47		3508 (438) Pan 9/11

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
3509 (439) Jan 9/11	Sowed short flag types, like 3508		45			145
3510	Check					
3511 (441)	Too tall					145
3512 (442)	Too tall					145
3513	Check					
3514	Too tall					145
3515	Too tall					145
3516	Check					

The 1453 family is one of the clearest for the highly R to CO

	Date		Plant hgt. (in.)			
	1st Head	Full R				
353	Narrow leafed, short st			<u>42</u>		3517 Pan 9/11
353				<u>50</u>		3518 Pan 9/11
	Check			<u>42</u>		3519
353						3520
353						3521
	Check					3522
354	B55136 B 4					3523
	Bbt 50					3524

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
3525	Check					
3526						145
3527						145
3528	Check					
3529						145
3530						145
3531	Check					
3532						145

	Date		Plant hgt. (in.)				
	1st Head	Full Rise					
954							3533
Check							3534
454							3535
954							3536
Check							3537
CP-231 7/25							3538
954							3539
Check							3540

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
3541						145
3542						145
3543	Check					
3544	Check					
3545						145
3546						145
3547	check					
3548 (443) Pan 7/11	B 55/36 A 7 7/23			49		145

	Date		Plant hgt. (in.)				
	1st Head	Full Rise					
355				47		3549 (444) Jan 1/11	
	Check					3550	
355						3551 (445)	
355	7/25					3552 (446)	
	Check					3553	
355	7/25					3554 (447)	
	Blt 50					3555	
	Check					3556	

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
3557 (448)			43		145
Pan 9/11	Highly R to HO types mixed				
3558 (449)			37		145
Pan 9/11					
3559	Check				
3560 (450)					145
7/25					
3561 (451)			56		145
Pan 9/11	Highly R types present				
3562	Check				
3563 (452)					145
3564					145
7/23					

	Date		Plant hgt. (in.)				
	1st Head	Full Ripe					
	check						3565
455							3566
455	7/23						3567
	check						3568
455	7/23						3569
	CP-231 7/25						3570
	check						3571
455	7/25						3572

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
3573						145
3574	Check					
3575	7/25					145
3576	7/25					145
3577	Check					
3578	7/25					145
3579	7/25					145
3580	Check					

	Date		Plant hgt. (in.)				
	1st Head	Full Ripe					
456	B55	136 A 14		40		3581 (453)	Pan 9/11
456						3582 (454)	
	Check					3583	
456						3584 (455)	
1456	Exceptionally clean for Ho. as parent as R parent			42		3585 (456)	Pan 9/11
	Check					3586	

	Date		Plant hgt. (in.)			
	1st Frost	Full Ripe				
3601	check					
3602	✓ clean for Ho, slow leaf dying					19
	(457)				40	
	Pan 9/11					
3603						14
3604	check					
3605						14
3606	9/25					14
3607	check					
3608	7/25					14

	Date		Plant hgt. (in.)				
	1st Head	Full Ripe					
456	7/25						3609
	Check						3610
456	7/25						3611
456	7/25						3612
	Check						3613
456	7/25						3614
456	7/25						3615
	Check						3616

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
3617						145
3618	B 55/36 D 27					145
3619	check					
3620						145
3621						145
3622	check					
3623	7/25					145
3624	CP-231 7/25					

	Date		Plant hgt. (in.)					
	1st Head	Full Ripe						
check								3625
57								3626
57								3627
check								3628
158	B55	136 A 12						3629
7/25								
158								3630
check								3631
458								3632

	Date		Plant hgt. (in.)			
	1st Head	Full Rim				
3633				53		145
Pan 9/11						
3634	check					
3635						145
3636						145
3637	check					
3638	Bbt 50					
3639						145
3640	check					

	Date		Plant hgt. (in.)				
	1st Head	Full Rice					
58						3641	
58				58		3642	Jan 9/11
	check					3643	
	check					3644	
458	7/25					3645	
459	B55 136 A 25 9/25					3646	
	check					3647	
459						3648	

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
3649						145°
3650	check					
3651						145°
3652						145°
3653	check					
3654				<u>43</u>		145°
	9-9/11					
3655	CP-231 7/25					
3656	check					

	Date		Plant hgt. (in.)				
	1st Seed	Full Ripe					
0	B55/36A28						3657
0							3658
	check						3659
60				40			3660
60							3661
	check						3662
60							3663
60							3664

	Date		Plant hgt. (in.)			
	1st Seed	Full Ripe				
3665	check					
3666						146.
3667						1460
3668	check					
3669	V good Bbt 50 type, few plants said that were cleaner than Bbt 50					1460
	Pan 9/11				<u>55</u>	
3670	Bbt 50					
3671	check					
3672						146.

	Date		Plant hgt. (in.)				
	1st Head	Full Ripe					
61	B55/36A30						3673
	check						3674
61							3675
61	7/25						3676
	check						3677
61	7/25						3678
61	7/25						3679
	check						3680

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
3681	7/25					146
3682	7/25					146
3683	Check					
3684	7/25					146
3685	7/25					146
3686	Check					

	Date		Plant hgt. (in.)				
	1st Head	Full Ripe					
Chuck							3701
1461							3702
B55 136 424 462 clean plants present, no taller than 18" 50 <u>51</u>							3703 (458) Pan
Chuck							3704
462							3705 (459)
462							3706 (461)
Chuck							3707
462							3708 (462)

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
3709 (463)			.			146
3710	Check					
3711 (464)						146
3712 (465)						146
3713	Check					
3714 (466)						146
3715 (467)						146
3716	Check					

	Date		Plant hgt. (in.)			
	1st Head	Full Rice				
62	Prob. not as tall as Bht 50			Slow leaf dying <u>59</u>		3717 (468) Jan 9/11
62				<u>48</u>		3718
	Check					3719
62						3720
62						3721
	Check					3722
62						3723
	Bht 50					3724

	Date		Plant hgt.			
	1st Head	2nd Head				
3725	Check					
3726						1462
3727						1462
3728	Check					
3729						146
3730						146
3731	Check					
3732						146

	Date		Plant hgt. (in.)				
	1st Head	Full Ripe					
162						3733	
Check						3734	
162						3735	
162						3736	
Check						3737	
CP-231 7/25						3738	
162						3739	
Check						3740	

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
3741						146
3742						146
3743	check					
3744	check					
3745	B55136A5 7/25					146
(469)						
3746						146
(470)						
3747	check					
3748	7/25					146
(471)						

	Date		Plant hgt. (in.)				
	1st Head	Full Ripe					
163						3749 (472)	
	check					3750	
163	7/25	shot hit earlier than BB 50	56			3751 (473) Pan 9/11	
163						3752 (474)	
	check					3753	
163	7/25					3754 (475)	
	BB 50					3755	
	check					3756	

	Date		Plant hgt. (in.)			
	1st Ebud	Full Ripe				
3757 (476)	7/25	Short hgt & earlier than BB	61			1463
Pan 9/11						
3758 (477)						1463
3759	check					
3760 (478)						1463
3761						1463
3762	check					
3763						1463
3764						1463

	Date		Plant hgt. (in.)				
	1st Head	Full Ripe					
	check						3765
463	7/25						3766
463	7/25						3767
	check						3768
463	7/25						3769
	CP-231 7/25						3770
	check						3771
463							3772

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
3773	Pan but no seed or being saved.			54	1463
3774	check				
3775					1463
3776	Pan 9/11			54	1463
3777	check				
3778	7/25				1463
3779	7/25				1463
3780	check				

	Date		Plant hgt. (in.)				
	1st Head	Full Ripe					
463	7/25					3781	
463	7/25					3782	
	check					3783	
463	7/25					3784	
463	7/25			<u>55</u>		3785	
	check					3786	

~~3801~~

~~3802~~

~~3803~~

~~3804~~

~~3805~~

~~3806~~

~~3807~~

~~3808~~

5 selections
found in book #2

Row to Harvest

9/10/57.

3066

3067

3069

3072

3841

5734

5736

38

40

41

missing

2285

2651

4469

4472

~~4831~~

~~4880~~

~~4880~~

~~4880~~

~~4880~~

~~4880~~

5344

5345

5505

5520

5557

5613

5628

5651

5653

5657

5670

5816

5820

5868

5877

6083

6107

6118

6142

6270

6549

6581

6684

6684

6684

6684

6684

6684

6684

6684

6684

6684

6684

6684

6684

6684

6684

no record
harvested

2378

2960

3773

4164

4340

4403

4406

4409

4458

4756

4925

5028

5029

5030

5105(2)

5119

5157

5163

5338

5343

5346

5661

5663

5667

5669

5684

5703

5705

5706

5707

5810

5815

5851

5940

5945

5946

6171

6178

6214

6219

FC-6
(1-55)

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
Field Crops Research Branch

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

4828, 29+30 unsorted with
5128, 29+30 in sorting

4101 Beginn in

Block 10-E

SAMPLE PAGE

VARIETAL TEST OF OATS, 1908

CONDITIONS OF EXPERIMENT

PLOT

Location-----Field H.
Size-----1/20 acre.

SOIL

Kind-----Prairie loam.
Position-----Somewhat rolling.
Previous crop-----Corn.

NAME AND CONDITION OF MACHINERY

Plow-----
Disk-----Osborn-----Sharp.
Harrow-----U Bar-----Good.
Seeder-----Monitor-----Good.

SEED

Variety-----Variable.
Weight per bushel-----Variable.
Source-----Variable.
Treatment-----Fanned clean and treated for smut.

SEED BED

Preparation:

1. Disked (lapped half)-----4-6-'08.
2. Disked (lapped half)-----4-10-'08.
3. Harrowed-----4-10-'08.
4. Harrowed-----4-27-'08.
5. Seeded-----4-27-'08.
6. Harrowed-----4-27-'08.

SEEDING

Manner-----Drilled.
Date-----4-27-'08.
Rate-----3 bushels per acre by weight.

SAFETY LOCK

INSTRUCTIONS FOR USE

GENERAL INSTRUCTIONS

1.

2.

SAFETY LOCK

3.

4.

5.

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____



	Date		Plant Hgt. (cm.)			
	1st Seed	Full Ripe				
3801	check					
3802	B55136 A5 7/25					1463
3803						1463
3804	check					
3805						1463
3806	7/26					1463
3807	check					
3808	B55136 A16					1464

	Date		Plant Hgt. (in.)				
	Lat Head	Full Ripe					
164							3809
	check						3810
164							3811
164							3812
	check						3813
164							3814
164	V good BBA 50 type, R to Ho						3815
				47			Pan 9/11
	check						3816

	Date		Plant hgt. (in.)			
	1st Bloom	Full Bloom				
3817	855764A 18 7/25					1466
3818	7/25			60		1466
Pan 9/11						
3819	Check					
3820	7/25					1466
3821	7/25					1466
3822	Check					
3823	7/25					1466
3824	CP-231 7/24					

Date 1st Seed	Date Full Buds	Plant hgt. (in.)				
Chuck						3825
6 7/25						3826
6.7 B55136 A 2						3827
Chuck						3828
6.7						3829
6.7						3830
Chuck						3831
6.7						3832

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
3833						1467
3834	Check					
3835						1467
3836	B55136 A 32					1468
(479)						
3837	check					
3838	B6750					
3839	7/25					1464
(481)						
3840	Check					

	Date		Plant hgt. (in.)				
	1st Seed	Full Ripe					
68	Has exceptionally green lobes (dark green + lower) on 5/11. Same entire now. Is also ✓ Resistant to Ho. water (Rotten ball)			50	Mr Pan 9/11	3841 (482)	
68	7/25					3842 (483)	
	check					3843	
	check					3844	
68	7/25					3845 (484)	
68						3846 (485)	
	check					3847	
68	7/25					3848 (486)	

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
3849	7/25					1468
3850	check					
3851	7/25					1468
3852	7/25					1468
3853	check					
3854	7/25					1468
3855	CP-231 7/25					
3856	check					

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
168	7/25					3857
468	7/25					3858
Check						3859
168	7/25	Earlier than BST 314 photo,	<u>50</u>			3860 Pan 9/11
168	7/25					3861
Check						3862
168						3863
68	7/25		<u>45</u>			3864 Pan 9/11

	Date		Plant hgt. (in.)			
	1st Seed	Full Ripe				
3865	check					
3866						1464
3867	7/26					1468
3868	check					
3869	B5555A2-1, CP231xF, (CP231xB555A1-1)					1055
3870	CP-231 7/25					
3871	check					
3872	B5555A2-2, 7/25					1055

1st Flower	Date	Plant hgt. (in.)	
55 7/25	B555A2-3, CP23/x F, (CP23/x B505A1-11)		3873
Chuck			3874
55 7/25	-4	"	3875
55	-5	"	3876
Chuck			3877
55 7/25	-6	"	3878
55 7/25	-7,	"	3879
Chuck			3880

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
3880	F3-B555A2-8, CP23/1F, (CP23/1xB505A1-11) 7/25				1055
3882	7/25	-9,		"	1055
3883	Chuck				
3884	7/25	-10,		"	1055
3885	B5555A3-1, 7/25			"	1056
3886	Chuck				

	Date		Plant hgt. (in.)			
	1st Bead	2nd Bead				
	check					3901
56	F3-B5555A3-2, CP231xR (CP231x B5555A1-11)					3902
56	7/25	-3,		"		3903
	check					3904
56		-4,		"		3905
56		-5,		"		3906
	check					3907
56	7/25	-6,		"		3908

	Date		Plant hgt. (in.)		
	1st Seed	Full Ripe			
3909	F ₃ - B5555A3-7, CP231x F, (CP231x B505A1-11)				1056
3910	Check				
3911		-8,	"		1056
3912		-9,	"		1056
3913	Check				
3914	7/25	-10,	"		1056
3915	F ₃ - B5555A7-1 2 7/25		"		1057
3916	Check				

	Date		Plant hgt. (in.)				
	1st Head	Full Ripe					
F3-B5555A 57 7/25							3917
57 7/25							3918
Check							3919
57 7/25							3920
57 7/25							3921
Check							3922
57 7/26							3923
Bbt 50 57							3924

	Date		Plant hgt. (in.)			
	1st Seed	Full Ripe				
3925	check					
3926	7/25					105
3927	7/25					105
3928	check					
3929	7/25					105
3930	7/25					105
3931	check					
3932	7/25					105

1st Head	Date	Plant hgt. (in.)				
1059 7/25					3933	
Check					3934	
1059 7/25					3935	
1059 7/25					3936	
Check					3937	
CP-231 7/25					3938	
1059 7/26					3939	
Check					3940	

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
3941	7/25					1059
3942	7/25					1059
3943	check					
3944	check					
3945	7/25					1059
3946	7/25					1059
3947	check					
3948	7/25					1059

	Date		Plant hgt. (in.)					
	1st Head	Full Ripe						
61 7/25								39498
Check								39508
61 7/25								39518
61 7/25								39528
Check								39538
61 7/25								39548
Bbt 50								39558
Check								39568

	Date		Plant hgt. (in.)			
	1st Ebud	Full Ripe				
3957	7/25					1061
3958	7/25					1061
3959	check					
3960	7/25					1061
3961	7/25					1061
3962	check					
3963	7/25					1061
3964	7/25					1061

	Date		Plant hgt. (in.)					
	1st Head	Full Ripe						
check								3965
062 7/25								3966
062 7/25								3967
check								3968
062 7/25								3969
CP-231 7/25								3970
check								3971
062 7/25								3972

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
3973	7/25					1062
3974	Check					
3975	7/25					1062
3976	7/25					1062
3977	Check					
3978	7/25					1062
3979	7/25					1062
3980	Check					

Date		Plant				
1st	Full	hgt.				
Head	Root	(in.)				
062	7/25					3981
066	7/25					3982
check						3983
066	7/25					3984
066	7/25					3985
check						3986

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
4001	Check					
4002						1066
4003	7/25					1066
4004	Check					
4005	7/25					1066
4006	7/25					1066
4007	Check					
4008	7/25					1066

	Date		Plant hgt. (in.)				
	1st Head	Fall h. pe					
66	7/25					4009	
	Check					4010	
66	7/25					4011	
68						4012	
	Check					4013	
68						4014	
68						4015	
	Check					4016	

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
4017	7/25					1068
4018	7/25					1068
4019	Check					
4020						1068
4021						1068
4022	Check					
4023	7/25					1068
4024	CP-231 7/25					

	Date		Plant hgt. (in.)				
	1st Head	Full Ripe					
check							4025
62 7/25							4026
62 7/26							4027
check							4028
70 7/24							4029
70 7/24							4030
check							4031
70 7/24							4032

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
4033	7/24					1070
4034	Check					
4035	7/25					1070
4036	7/25					1070
4037	Check					
4038	Bbt 50					
4039	7/25					1070
4040	Check					

	Date		Plant hgt. (in.)				
	1st Head	Full Ripe					
20	7/25						4041
20	7/25						4042
	chuck						4043
20	7/25		MS-2 MS-1				4044
			8/6 9/9 NO. CO				
3	Stg. 557674 7/25		MS-3 MS-4 R-O				4045 (51)
4	Stg. 557684 7/24		MS-2 MS-2 R-O				4046 (52)
10	Stg. 556660 7/24 bushy long type		S-2 MS-1 R-O				4047 (53)
4	Stg. 556682 7/24		S-2 MS-1 R-O				4048 (54)
	fairly green leaves						

	Date		Plant hgt. (in.)	8/6	9/9	Stg No.
	1st Seed	Full Ripe				
4049 (55)	G.I. 8994 7/24			MS-1 MS-1	MS-1	2674
4050 (56)	Stg 556638 7/24			MS-3 MS-1	R-0	19-14
	fairly green leaves.					
4051 (57)	Stg 533303 7/24			MS-2 MS-1	R-0	19-15
	fair green leaves.					
4052 (58)	Stg 533333 7/24			S-2 MS-1	R-0	21-6
	green leaf.					
4053 (59)	Stg 55553-11 7/25			MS-2 MS-1	R-0	1549
	green leaf type.					
4054 (60)	Stg 55554-2 7/25			MS-1 MS-1	R-0	1550
	green leaf type. very clean 8/16					
4055	Stg CP-231 7/25			MS-2 MS-1	S-1	
4056 (61)	Stg 55554-5 7/25			S-2 MS-1	R-0	1551
	green leaf type.					

	Date		Plant hgt. (in.)	No	2/7 25	
	1st Head	Full Ripe				
2	Stg 55554-11	7/25	MS-1	MS-1	MR-1	4057 (62)
	bren long spec.					
8	Stg 55552-7	7/25	S 2-3	MS-1	MR-1	4058 (63)
	bren long.					
39	Stg 55552-15		S-2 S-1	MS-1		4059 (64)
4	Stg 555853	7/24	S-3 S-3		R-O	4060 (65)
	Jewer spec.					
3	Stg 555961	7/24	MS-2 MS-1		R-O	4061 (66)
4	Stg 555971	7/25	S-3 S-2		R-O	4062 (67)
9	Stg 4217A49B-2		MS-1 MR-1		R-O	4063 (68)
	bren long spec.					
18	5426A1-46B-4-2-1-1		MS-1 MR-1		R-O	4064 (69)

	Date		Plant Lgt. (in.)		Statt. No.
	1st Seed	Full Bloss			
44065 (70)	Stg 556736		AD	MS-2	155
				MS-1 R-0	
44066 (71)	Stg 55565-4		MS-1	MS-1 MR 1	156
44067 (72)	Stg 55565-10		MS-1	MS-1 MS-1	156
44068 (73)	Stg 556536		S-2	S-2	156
44069 (74)	Stg 534463		MS-1	MS-1 MS-1	25-9
44070	Blt 50		S-2-3	S-2 S-2	
44071 (75)	Stg 534501		MS-1	MS-1 MS-1	25-10
44072 (76)	Stg 534571		MS-1	MS-1 MS-1	66

Date	1st Head	Full Ripe	Plant Hgt. (in.)	9/9		
				MS	Co	
Stg 535946 7/23				MS-1		4073 (77)
				MS-1	S-1	
Stg 55572-1 7/25				S-2		4074 (78)
				S-2	S-3	
Stg 55572-15				MS-2		4075 (79)
				MS-2	S-2	
Stg 55576-8 7/25				MS-1		4076 (80)
				MS-1	S-3	
Stg 55576-12				MS-1	S-1	4077 (81)
				MS-1	S-3	
Stg 55576-15 7/25				MS-1		4078 (82)
				MS-1	S-3	
Stg 535758				S-2		4079 (83)
				S-1	S-1	
Stg 55577-6				S-2		4080 (84)
				S-1	S-2	

	Date		Plant hgt. (in.)	9/9 No. 60	Stg. No.
	1st Seed	Full ripe			
44081 (85)	Stg 55577-19		S-2 S-1-2 S-1		1729
44082 (86)	Stg 553938		MS-1 MS-1 MS-1		1720
44083 (87)	Stg 553962		S-2 S-2 R-0		1729
44084 (88)	Stg 553320		S-2 S-1-2 S-1		1703
44085 (89)	Stg 553409		S-2 S-2-3 R-0		1705
44086 (90)	Stg 553503		S-2 S-2 S-1		1707
44087					
44088					

	Date		Plant hgt. (in.)	9/9/57		
	1st Head	Full Ripe		NO	CO	
7-2	Stg 522244		113	S-2	S-1/2	4101 (91)
-3	Stg CI 8309			S-3	S-1	4102 (92)
-15	S 45-51			S-3	S-1	4103 (93)
35	Stg 554071			S1-2	MS-1	4104 (94)
2	CI 9184 7/15			—	—	4105 (95)
3	C.I. 9185 7/15			S-2	S-2	4106 (96)
8	CI 9191 7/15			S-1	S-2	4107 (97)
0	Stg 55584-2			S-1	MS-1	4108 (98)

		Date		Plant hgt. (in.)	9/9		Stg No
		1st Seed	Full Ripe		NO	CO	
4109	(98)	Stg 55584-13			5-1	MS-1	1711
		7/26					
4110	(100)	Stg 554629			5-1	5-1	1737
		7/26					
4111	(51)	7/25		-1	5-2	R-1	1413
4112	(52)	7/25		1-2	5-2	R-1	1414
4113	(53)	7/15		-	MS-1	R-1	19-10
4114	(54)	7/24		1	MS-1	MS-1	21-4
4115	(55)	7/24		-	MS-1	MS-1	2674
4116	(56)	7/24		1	MS-2	R-1	19-14

	Date		Plant hgt. (in.)	9/9		
	1st Head	Full Ripe				
15 7/24			t ₂	S-2	MP-t ₂	4117 (57)
16 7/24			t ₂	S-1	MS-t ₂	4118 (58)
19 7/24			t ₂	MS-1	R-0	4119 (59)
20 7/25			2	S-1	MS-1	4120 (60)
21 7/24			2	MS-1	MS-t ₂	4121 (61)
22 7/24			2	MS-1	R-t ₂	4122 (62)
28 7/25				S1-2	MP-t ₂	4123 (63)
CP-231 7/24				MS-1	S-2	4124

NO 9/9

	Date		Plant hgt. (in.)			Stk No.
	1st Head	Full Ripe				
4125 (64)	7/25		fr	NO S-2	CO MS-2	1539
4126 (65)	7/25		fr	S-2-3	MS-1	1544
4127 (66)	7/23		1	S-1	MS-1	1553
4128 (67)	7/23			S-1	MS-1	1559
4129 (68)				S-1	R-0	21-9
4130 (69)	7/25			S-1	R-0	2691
4131 (70)	7/26			S-1-2	R-0	1555
4132 (71)				S-1		1561

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
1-63				PO	CO.	4133 (72)
				S-2	R-h	
1-64				S-1	R-O	4134 (73)
				S-1	S-h	
1-9				S-1	S-h	4135 (74)
				S-1	S-1	
1-10				S-1	S-1	4136 (75)
				S-1	MS-1	
1-5				S-1	MS-1	4137 (76)
				S-2	S-1-2	
Bt 50.				S-2	S-1-2	4138
				S-1	S-2	
1-4				S-1	S-2	4139 (77)
				S-1	S-1	
1-5				S-1	S-1	4140 (78)

	Date		Plant hgt. (in.)			Stg No
	1st Head	Full Ripe				
4141 (79)	7/25		170	MS-1	S-2	1716
4142 (80)	7/25			MS-1	S-1	1717
4143 (81)				MS-1	S-2	1718
4144 (82)	7/24			MS-1	S-2	1719
4145 (83)				S-1	MS-1	25-12
4146 (84)				S-2	S-1	1724
4147 (85)				S-1	S-1-2	1727
4148 (86)				S-2	R-fr	1720

No.	Date		Plant hgt. (in.)	No.	CO	
	1st Head	Full Ripe				
29				S-2	R-0	4149 (87)
03				S-1-2	S-1	4150 (88)
05				S-2-3	S-1	4151 (89)
07				S-2	S-1	4152 (90)
7-2				S-2-3	MS-1	4153 (91)
0-3				S-2-3	S-1	4154 (92)
CP-231 7/25				MS-1	S-2	4155
6-15				S-2	R-0	4156 (93)

OS

9/9
Ho cr

	Date		Plant hgt. (in.)	Lodine		Sty No
	1st Elong	Full Ripe		56	57	
4157 (94)				MS-2	S-1	1735
4158 (95)	7/22			S-1	S-2	802
4159 (96)	7/22			S-1	S-2	803
4160 (97)	7/24			S-2	S-1	808
4161 (98)				MS-1	MS-1	1710
4162 (99)	7/25			MS-1	MS-1	1711
4163 (100)	7/25			MS-1	S-2	1737
4164 (100)	FS B5319A-1-1-41, CP23X CI897D 1/3		40		26 48	4339

pr

	Date		Plant hgt. (in.)	J. line		
	1st Head	Full Ripe		56	57	
FS B5319A1-1-42, CP231X C.I. 8970				56	57	
39-2 7/3			40	26	43	4165 par
			-3			
7-3 7/2			40	26	45	4166 par
			-4			
9-4 7/5			40	26	43	4167 par
			-5			
9-5 7/4			41	26	55	4168 par
			-6			
9-6 7/6			42	26		4169
FS B5319A1-7-1-1, CP231X C.I. 8970						
72-1 7/1			44	31	45	4170 par
			-2			
2-2 7/1			45	21	37	4171 par
			-3			
2-3 7/1			41	21	40	4172 par

	Date		Plant hgt. (in.)	Iodine		Source
	1st Head	Full Ripe				
4173	F ₅ B5319A1-7-1-4 7/1	7/9	CP 231 X 42	C.I. 8970 21	56 57 56	4342-
4174	F ₅ B5319A1-7-2-1, 7/7		41	46	74	4343-1
4175	7/6	-2,	46	46	88	4343-
4176	7/8	-3,	48	46		4343-
4177	7/9	-4,	48	46		4343-
4178	F ₅ B5319A1-7-3-1, 7/8		45	41	73	4344-
4179	7/6	-2,	45	41		4344-2
4180	CP-231 7/24					CP 231

	Date		Plant hgt. (in.)	Iodine		
	1st Head	Full Ripe				
F-5 B5319A1-7-3-3, CP231XC.I. 8970				56 / 57		
44-3	7/4	43	41	72		4181
						pan

44-4	7/5	-4, 42	41			4182
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F-5 B5319A1-1-2-1,				91		4183
46-1	7/4	37				

46-2	7/4	-2, 56	91			4184
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Luron 7/23 4201 to 4784

		Date		Plant hgt. (in.)	Iodine		
		1st Head	Full Ripe		56	57	
4201	F ₅ B5319A1-1-2-3, CP23X C.L. 8970 6/28 7/8 40 91 89						4346-
pan							
4202	F ₅ B5319A1-58-1-1, C 6/28 7/8 40						4363-
4203	-2, 6/24 7/4 39						4363-2
4204	-3, 6/25 7/6 40					82	4363-3
pan							
4205	F ₅ B5319A1-58-3-1, 6/24 7/4 38 70'						4365-
4206	-2, 6/24 7/8 40 70						4365-
4207	-3, 6/25 7/5 40 70						4365-3
4208	F ₅ B5319A1-83-2-1, 7/3 7/6 42 48' 64						4369-1
pan	Uniform mat						

	Date		Plant hgt. (in.)	Iodine	
	1st Head	Full Ripe			
BS 319A1-83-2-2, CP 231X C.I. 8920 9-2	7/3	hgt 42	54 57 <u>48</u> 82		4209 pan
9-3	7/3	-3, 42	<u>48</u>		4210
9-4	7/5	-4, 42	<u>48</u> 87		4211 pan
9-5	7/2	-5, 42	<u>48</u> 83		4212 pan
9-6	7/6	-6, hgt. 42	<u>48</u>		4213
BS 319A1-83-4-1 71-1	6/25	48	<u>45</u> 11		4214
71-2	6/25	-2, 44	<u>45</u>		4215
71-3	6/28	-3, 48	<u>45</u>		4216

		Date		Plant hgt. (in.)	Iodine		
		1st Head	Full Ripe		56	57	
4217	Fs C.I. 8970 Rogue 6/17		6/30	41	33		4469.
4218	" 6/16		6/30	39	33		4469.
4219	" 6/18		6/30	38	33		4469.
4220	B4512A1-32 7/9			48			B4512A
4221	Fs C.I. 8970 Rogue 6/19		6/30	38	33		4469.
4222	" 6/19		6/30	39	33		4469.
4223	" 6/19		6/30	38	33		4469.
4224	Fs C.I. 8970, Rogue 6/22 Taller & later than others		7/6	48	32		4470.

	Date		Plant hgt. (in.)	Iodine		
	1st Head	Full Ripe				
Es C.I. 8970, Rogue 170-2		6/12	40	56 57 32		4225
" 170-3		6/12	37	32		4226
Es C.I. 8970, Rogue 171-1		6/24	39	38		4227
" 171-2		6/18	38	38		4228
" 171-3 171-4		6/15	38	38		4229
Es C.I. 8970, Rogue 172-1		6/16	35	47		4230
" 172-2		6/16	35	47		4231
" 172-3		6/15	38	47		4232

	Date		Plant hgt. (in.)	Iodine		
	1st Seed	Full Ripe				
				56	57	
4233	Fs C.I. 8970, Rogue		42	47	47	4473-1
	6/22	7/4				
	as taller than preceding ones & good uniform mat, long stem					
	(No 8/15)					
4234	6/20	7/4	42	47	43	4473-2
	"					
	(No 8/15)					
4235	6/17	7/4	41	47	54	4473-3
	"					
	(No 8/15)					
4236	6/20	7/2	41	53		4476-1
	Fs C.I. 8970, Rogue					
	6/20	7/2				
4237	6/18	7/2	38	53		-2
	"					
4238	6/20	7/2	39	53		-3
	"					
4239	6/18	7/4	43	38		4477-
	Fs C.I. 8970, Rogue					
	6/18	7/4				
4240	B67 50.					BRT 50

all 3 good ones much like 4233 & 4235
v. good

	1st Page	Date	Plant HT.	Iodine	
5	C.I.	8970	Rogue	<u>56</u> 57	4241
7-2	6/12		40	<u>38</u>	
11	6/12		30	<u>38</u>	4242
5	BS343A2-1-2-1,	BS3-8991X	Zenith	<u>55</u> —	4243
33-1	7/16				
-2	7/22		-2,	<u>55</u>	4244
-3	7/22		-3,	<u>55</u>	4245
BS343A2-2-3-1,				<u>57</u> 11	4246
7-1	7/16				
-2	7/22		-2,	<u>57</u>	4247
-3	7/16		-3,	<u>57</u>	4248

much like 4233 et al

all have v tall neg growth on 7/16

	Date		Plant hgt. (in.)	Jodine	
	1st Seed	Full Buds			
4249	Fs BS343A2-3-2-1, 7/22	-2,	BS3-8991 X 56	Zenith 56	4439
4250	7/24	-2,	56		
4251	7/22	-3,	56		
4252	Fs BS343A3-2-1-1, 7/22		56	11	4442
4253	7/22	-2,	56		-2
4254	7/22	-3,	56		
4255	Fs BS343A3-2-2-1, 7/22	8/22	BS3-8991 X 54	Zenith 58	4443
4256	8/29 shorter neg gr. than 4255 7/22	-2, 5/1 8/22	54	58	

↑ tall neg growth 7/8
↓ tall neg 8/22

Mr
8/29

✓ tell me growth 4257 to 4264

26

	Date		Plant hgt. (in.)	Iodine	
	1st Head	Full Ripe			
F ₃ B5343A3-2-2-3, B53-8991X Zenith	43-3 7/16	8/22 ✓	52	56 57 54 60	4257 Pan 8/22
F ₃ B5343A3-2-3-1, 44-1	7/22	8/22 ✓	49	55 63	4258 Pan 8/22 8/29 Hh
-2 7/16 8/22 ✓ -2, 50				55 69	4259 Pan 8/22
CP. 231 Continuing in the old row					4260
F ₃ B5343A3-2-3-3, 44-3 7/16				55 11	4261
F ₃ B5343A3-2-4-1, B53-8991X Zenith	45-1 7/22			45	4262
-2 7/16 -2,				45	4263
-3 7/14 -3,				45	4264

These lines not as tall as CP231

	Date		Plant hgt. (in.)		
	1st Flower	Full Ripe			
✓ tall no growth 1/8	4265	4265	4265	Iodine	
				56 57	
4265	FS B5343A3-2-6-1, 7/23	B53-8991x	Zenith	32	4447
4266	7/16	-2,	32		✓
4267	7/16	-3,	32		✓
4268	7/16 Pan 8/22	-4 8/22	32 55		✓
4269	FS B5343A4-1-4-1, 7/23		60		4452
4270	7/23	-2,	60		✓
4271	7/23 Pan 8/22	-3, 8/22	60 65		✓
	shorter than (P23), sl, taller than adj rows				
4272	FS B5343A4-1-5-1, 7/23		54		4453

	Date		Plant hgt. (in.)	Iodine		
	1st Head	Full Ripe				
5 BS 34304-1-52, 3-I	7/23	8/22		56 57 54 65		42730 Pan 8/22
	Definitely shorter than C1231					
	7/16	-3,		54		42744
	7/23	-4,		54		42750
	7/23	-5,		54		42760
	7/23	-6,		54		42770
BS 34305-1-2-1, 6 7/23				59		42780
	7/23	-2,		59		42790
B4512A1-32 9/6 7/3						42800

		Date		Plant hgt. (in.)	Iodine	
		1st Seed	Full Ripe			
4281	Fs BS343AS-1-2, 7/23				56 <u>57</u> 59	4456

4282	Fs BS343AS-1-1, 7/23				<u>62</u>	4457
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4283	7/23		-2,		<u>62</u>	✓
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4284	7/23		-3,		<u>62</u>	✓
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	Date		Plant hgt. (in.)	Iodine	
	1st Head	Full Ripe			
Fs B5343A5-1-4, 57 7/23				<u>56</u> 57	4301
				<u>62</u>	
7/23		-5,		<u>62</u>	4302
7/23		-6,		<u>62</u>	4303
Fs B5343A5-3-1, 59 7/24				<u>55</u>	4304
7/23		-2,		<u>55</u>	4305
7/22		-3,		<u>55</u>	4306
Fs B5343A7-1-1, 61 7/22				B53-8991X <u>57</u>	2.0.76 4307
7/22		-2,		<u>57</u>	4308

		Date		Plant hgt. (in.)	Iodine		
		1st Head	Full Ripe				
4309	F _s B5343A7-1-3, 7/23			B53-8991X 57	<u>56</u> 57	Zenith 4461	
4310	F _s B5343A7-3-1, 7/22				<u>51</u>		4463
4311	7/16		-2,		<u>51</u>		✓
4312	7/16		-3,		<u>51</u>		✓
4313	7/23		-4,		<u>51</u>		✓
4314	7/23		-5,		<u>51</u>		✓
4315	7/23		-6,		<u>51</u>		✓
4316	F _s B5343A74-1, 7/16				<u>58</u>	Too tall & too dense, poor grain type	4464

	Date		Plant hgt. (in.)	Iodine		
	1st Head	Full Ripe				
B5343A7-4-2, B53-8991 X 2 with	7/23			<u>56</u> 57 58		4317
	7/16	-3,		<u>58</u> 70		4318 Pan 9/4
B5343A7-6-1,	7/22			<u>68</u>		4319
B6450				<u>6</u>		4320
B5343A7-6-2,	7/23			<u>68</u>		4321
	7/22	-3,		<u>68</u>		4322
C.I. 8970, Rogue	6/28	7/1	46	<u>26</u>		4323
"	6/25		48	<u>26</u> 73		4324 P-8/12

Top left, much shorter than B5350
good yield

	Date		Plant hgt. (in.)	Iodine	
	1st Head	Full Ripe			
4325	Fs C.I. 8970, Rogue 6/25		48	<u>56</u> 57 26	4467
4326	6/26		47	<u>26</u> 75	L
4327	6/27		47	<u>26</u> 85	L
4328	6/25		49	<u>26</u> 73	L
4329	B55235A5-1, F1(B5343A1) x Zev:th 7/22			<u>53</u>	9231
4330	7/23			<u>53</u>	L
4331	7/23			<u>53</u>	L
4332	B55235A5-1, 7/29			<u>55</u>	9233

veg growth v tall on 4329 to 4339, Taller than c check

	Date		Plant hgt. (in.)	Iodine		
	1st Head	Full Ripe				
33	7/25			<u>56</u> 57		4333
				55		
	7/24	-3,		<u>55</u>		4334
34	7/23			<u>54</u>		4335
	7/24	-2,		<u>54</u>		4336
	7/23	-3,		<u>54</u>		4337
38	7/23	B55-235A8-1		<u>67</u>		4338
	7/22	-2,		<u>67</u>		4339
	7/24			<u>94</u>		4340
						pan

		Date		Plant hgt. (in.)	Iodine	
		1st Seed	Full Bloss			
4341	F ₅ B55-5812-CP231 B55-235A1-1, F ₁ (B534A1) X 7/24 Dwarf row			56 57 68	Dwarf Zenith	9238
4342	Very short, very weak on 7/19 mutated shortly thereafter - CP231 B55-5812-2, CP231 7/24 Dwarf row			68	Dwarf	
4343	-3, Dwarf row			68		
4344	7/25 Same dwarfs from seg row			68 A 98 B 98		9238
4345	7/23 Same dwarfs from seg row			68 99		
4346	7/23 Same dwarfs from seg row			68 99		
4347	F ₅ B55235A1-1-1, F ₁ (5343A1) X Zenith 7/25			55		9241
4348	7/24 -2,			55		

347 to 4356 have veg growth as tall or taller than BB50007/P

	Date		Plant hgt. (in.)	Iodine 56 57 59		
	1st Head	Full Ripe				
5 2	1355235 7/23	A12-1-1,	F. (B5343A1)	x Zenith		4349
	7/23	-2,		59		4350
	7/24	-3,		59		4351
3	1355235 7/24	A13-1-1,		54	"	4352
	7/24	-2,		54		4353
	7/24	-3,		54		4354
6	1355235 7/24	A16-1-1,		52	"	4355
	7/24	-2,		52		4356

Prove 4357 to 4369 have neg growth as tall as BB150 or taller on 7/8

	Date		Plant hgt. (in.)	Iodine <u>56</u> 57	
	1st Head	Full Ride			
4357	B55235A16-1-2 7/24		F. (B5343A) X	<u>52</u>	2c with 92
4358	B55235A18-1-1 7/23		Tall	<u>58</u>	92
4359	7/23	-2,	Tall	<u>58</u>	
4360	B4512A18-32 7/9				
4361	B55235A18-1-3, 7/23			<u>58</u>	924
4362	B55235A20-1-1, 7/23			<u>67</u>	924
4363	7/23	-2,	Tall	<u>67</u>	
4364	7/24	-3,	Tall	<u>67</u>	

	Date		Plant hgt. (in.)	Iodine		
	1st Head	Full Ripe				
5 150	B55235	7/24	2-1-1,	F. (B5343A1) x Zenith	56.57	4365
		7/24	2,			4366
	B504A1-27-3-2-2,	7/24	2,	Z x B433A2-6	25-23	4367 Pan 8/22
		7/23	-3,		25-30	4368 Pan 8/22
		7/23	-4,		25-27	4369
	B504A1-112-2-1-1-1,	7/24	8/26		28-33	4370 Pan 9/4
		7/24	-2,		28-41	4371 Pan 9/4 Hr
		7/24	-3,		28-30	4372 Pan 8/22 Hr

are taller than desired but good. no
taller than Zenith, taller than 4370 and

Short stature when mature
Shorter height than B55235 on 7/8

4373 to 4384 low shoot reg growth on 7/8

	Date		Plant hgt. (in.)	Iodine	
	1st Head	Full Ripe			
4373 Pan 8/22	13504A1-112-2-1-1-4, 7/24	8/22	56 57 28 41	B433A2-6	506
4374 Pan 8/22	7/24	8/22 ^{-5,}	28 ["] 44		<
4375 Pan 8/22	7/24	8/22 ^{-6,}	28 ["] 30		<
4376	B504A1-112-2-1-2-1, 7/24	8/22	68 ["]		506
4377	7/24	2,	68 ["]		<
4378	7/24	-3,	68 ["]		<
4379	7/24	-4,	68 ["]		<
4380	Bot 50 much taller reg growth on 7/8 than edg now (4 to 1")				

1st Head	Date		Plant hgt. (in.)	Iodine		
	Full Ripe					
B504A1-112-2-1-2-5, 7 7/24				<u>56</u> 57 68	2 x B443A2-L	4381
7/24		-6,	" <u>68</u>			4382
B504A1-112-2-2-4-1, 76				<u>52</u> 53		4383
7/24	8/26					Pan 8/22
short but, goodly sturdy 10-12" shorter than						
31350						
7/25	8/26	-2	<u>52</u> 60			4384
					Pan 9/4	

Shorter veg. growth than B5535A cross

	Date		Plant hgt. (in.)	Iodine	
	1st Head	Full Ripe			
4401	B504A1-112-2-2-4-3, 7/25	2 x B433A2-6 52	56 57	507	
4402	B504A1-127-3-2-1, 7/25	2 x B433A2-6 8/26 51	26	15736 75	
Pan 8/22 No. 8/29					
4403	" 7/24	-2,	" 26	-	
Pan					
4404	" 7/25	-3,	"	-	
4405	" 7/25	-4,	"	15736	
4406	" 7/24	-5, same as 57-16,093	" 26	-	
Pan This sel was R to 1st Head, other sels were MS. Adv. this selection and test further in 1st Head nursery					
4407	" 7/25	-6,	"	-	
4408	" 7/24	-2,	"	15736	

	Date		Plant hgt. (in.)	Stk 457 Hd.		
	1st Head	Full Ripe				
36	7/23					
	B504A1-27-3-2-1,			Z x B433A2-6	24	4409
	"					4410
	B517A2-27-27, CP331X B4510A1-77			VS		4411
	33-1					
2				VS		4412
3						4413
4				IR		4414
5						4415
6						4416

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
4417	BS17A2-27-2-2, CP23x B4510A1-77		S		15435
4418	" 7/25		S		-
4419	"		VS		-
4420	CP-231 7/24		VS		
4421	"		VS		15434
4422	BS17A2-32-2-1, 7/24		VS		15437
4423	" 7/24		S		-2
4424	BS17A2-32-2-2,		S		15434

	Date		Plant hgt. (in.)	ch/ht 1957		
	1st Head	Full Ripe				
BS19A2-32-2-2, CP231X B4510A1-77 138-2				S		4425
-3	"			S		4426
-4	"			S		4427
BS19A2-46-2-1, 48-1				S		4428
2	"			S		4429
3 7/25	"			S-R		4430
4	"			MS		4431
BS19A3-56-2-1, 52						4432

about like CP231 for lot 1 mat

	Date		Plant hgt. (in.)	Stk		
	1st Head	Full Ripe				
4433	BS17A3-56-2-1, 7/14		CP231 x B4510A1-77			1545
4434	"					
4435	BS17A3-56-2-2, 7/18			"		1545
4436	" 7/14					
4437	" 7/18					
4438	" 7/14					
4439	BS17A3-61-2-1,			" MS		1545
4440	B4512A1-32 7/9					

	Date		Plant hgt. (in.)			
	1st Seed	Full Ripe				
BS17A3-61-2-1, CP231X B451DA1-77						4441
456-27/24				MS		
"						
- 37/24				MR-MS		4442
BS17A3-117-2-1,						4443
463						
7/25	8/28				48	4444
					Nr	
					Pan 9/4	
7/25	8/28				55	4445
					Nr	
					Pan 9/4	
7/25	8/28					4446
7/24						4447
7/24						4448

specimen straw-belled CP type
 no taller 24 up to 24 for CP 231. No good
 slow ripening at base of panicle
 possibly more dislocation than CP

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
4449	BS17A3-117-2-1 7/25	CP231X	B4510A1-27		15463
4450	" 7/25				✓
4451	" 7/25	9/26	47		✓
4452	BS17A3-117-2-2 7/25				15464
4453	" 7/25				✓
4454	" 7/25				✓
4455	" 7/25	8/26	44		✓
4456	" 7/25				✓

Possibly more developed than the previous ones.

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
BS17A3-117-2-2, 5464				CP231 x B4510A1-77	4457
7/25 "				48.	4458
7/25 "					4459
Bbt 50.					4460
BS17A3-123-1-1, 465 not planted					4461
7/14 " 8/12 47				38	4462 Pan 8/22 Hr 8/29
7/14 " 8/12 46				59	4463 Pan 8/22 Hr 8/29
7/14 " 8/12					4464

narrow leaves, dark green - color not uniform
too tall straw heads

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
4465	BS/7A4-23-3-1 7/24	8/28	CP 231X B4510A1-77		15475
4466	7/24				✓
4467	7/24				✓
4468	7/25				✓
4469	7/25			45	✓
4470	7/25				✓
4471	BS/7A4-23-3-2, 7/25			90	15476
4472	7/25			73	✓

all look alike & uniform in taller than CP
 similar maturity (all shorter & slender 9/4 1965)

NW
 Pan 9/4
 NW
 Pan 9/4

	Date		Plant hgt. (in.)
	1st Head	Full Ripe	
	B517A4-23-3-2, CP231X B4510A1-77		
476	7/25	8/28	4473
"			4474
"	7/24		4475
"	7/25		4476
	B517A4-80-2-1		4477
472-1	7/25	8/28	
-2	7/25		4478
-3			4479
	CP-231		4480
	7/24		

	Date		Plant hgt. (in.)			
	1st Seed	Full Ripe				
4481	B517A4-80-1-1	CP231X B4510A1-77				15492-1
	7/25					
4482	7/25	"				-5
4483		"				-L
4484	B517A4-80-2-1	2nd				725/3-1
	7/24					

1st not in good as previous
 2nd

Date		Plant hgt. (in.)		
1st Head	Full Ripe			
B517A	4-80-2	CP231x	B4510A1-77	4501
2-2	7/25			
-3	7/25			4502
-4	7/25			4503
-5	7/25			4504
-6	7/25			4505
good CP231 types gold buds, too much shrubby				
B517A	4-80-2+2	CP231x	B4510A1-77	4506
493	7/25			
"	"			4507
"	"			4508

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
4509	BS17A4-80-2-2, CP231x B4510A1-77				15493
4510	"				✓
4511	"				✓
4512	BS17A4-84-1, 7/24				15494
4513	7/24				✓
4514	7/24			56	✓
4515	7/24				-
4516	7/25				✓

Shaw-hulled CP231 types good

pan 9/4

Date		Plant			
1st Head	Full Ripe	hgt. (in.)			
BS17A4-84-1, 5494 7/24		CP231X BUS10A1-77			4517
BS17A4-84-2, 5495 7/25					4518
✓ 7/25''					4519
B4512A1-32 7/15					4520
BS17A4-84-2, 5495 7/25					4521
✓ ''					4522
✓ 7/25''					4523
✓ 7/25''					4524

	Date		Plant hgt. (in.)	56 57	
	1st Head	Full Ripe			
4525	BS17A4-84-3-1, CP231X B4510A1-77				15496
4526	"				✓
4527	"				✓
4528	"	7/25			✓
4529	"				✓
4530	"	7/25			✓
4531	BS17A4-84-3-2,				15497
4532	"				✓

	Date		Plant hgt. (in.)	Str. Hgt.		
	1st Head	Full Ripe				
BS17A4-84-3-2, CP231X B4510A1-77 497						4533
"						4534
"						4535
"						4536
BS17A4-119-2-1, 5503-1				R?	51	4537 Nov Pan 9/4
"				R?	55	4538 Nov Pan 9/4
"					54	4539 Nov Pan 9/4
B6750						4540

Probiobacter fed the CP231, as early green stage
Pipes about 8/30

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
4541	B5112A1-109-2-1-1, Bht x Zayas Bagan B5116A1-3-1-1-1, CP231 x B4513A1-23				556
4542	-2,				✓
4543	-3, 9/12		63		✓
Nov Jan 9/10	Profuse tillering of slender ht. a good Zayas Bagan type, not as tall as B51150				
4544	B5112A1-109-2-2-1, 9/17				556 ?
Jan 9/17	Prob 4544?				
4545	-2, 9/17		39		✓
4546	-3, 9/17				✓
4547	-4, 9/17				✓
4548	-5, 9/17				✓

This family has many heads on single
 on Zayas Bagan type, through 4552

	Date		Plant hgt. (in.)		
	1st Eled	Full Ripe			
66	BS112A1-109-2-3-1	9/17-6	CP231X	B4513A1-23	4549
		9/17-6			

67	BS112A1-109-2-3-1, BS112A1-3-1-5-1		48		4550
					pan 9/17

and less dry than 4551 & 4552
-2,

4551

-3,

4552

613	BS117A1-10-1, CP231X	CI 9/22	B4513A1-23		4553
	no plants				

6	7/9	8/12	47	89	4554
					dr
					pan 9/4

6	7/10	8/12	47		4555

segs hull color

6	7/10	8/12	47		4556

segs hull color

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
4557 HV	BS117A1-10-5 7/10	CP231X 8/12	47	CT9/22 BS117A1-23 91	15513
	Pan 9/4 all stem hulls				
4558	7/10	-2 ¹⁰ 8/12	48		✓
	Large hull color				
4559	BS117A1-14-2-1	CP231X		CT9/22 BS117A1-32	15517 ✓
4560	CP-231 7/24	8/28		88	
	Pan 9/4				
4561	BS117A1-14-2-1-1			" "	15517 62
4562	" "	-2 8/25		49	✓-3
	Pan 9/4				
4563	" "	-3			✓-9
4564	BS117A1-14-2-2-1-1				15518

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
18-2	135117A1-14-2-2	CP231X	134512A1-32	CI 9122	4565
-3	"	"	-3		4566
-4	"	"	-4		4567
-5	" 8/28	"	-5	40	4568 Hr Pan 9/4
-6	" 8/28	"	-6		4569
1/4-1	135117A1-14-2-1	CP231X	134512A1-32	CI 9122	4570 Hr Pan 9/4
-2	7/25	8/28			4571
-3	7/25	8/28			4572

cutting of 2 1/2" pieces longer panicles the following line
or shorter but full CP231

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
4573	7/25				734 4-4
4574	7/25				-5
4575	7/25				-6
4576	7/25	8/20		BS119A1-14-3-2, CP231X	CI 9122 B4512A1-32 50 15521
No Pan 9/4					
4577	7/25	" -2 8/20			L
4578	7/25	" -3 8/20			L
4579	7/25	" -4 8/28			L
No Pan 9/4					
4580	7/10		49	good CP type but shorter panicles, otherwise v. good	
				B4512A1-32	

This line has rather short heads, are shorter than 4570 & all

Date		Plant hgt. (in.)
1st Head	Full Ripe	
BS117A1-14-3-2	CP231X	CI 9122 134512A1-32
5521 7/25		4581

11

4582

BS117A1-1-2-1	CP231X	CI 9122 B4512A1-32
5526 7/24	8/23 50	42

4583

11-2 7/25 8/23

Shooting lot - then CP on early
strawberries
Rt. Sta. 451105

50

4584

8/29

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
4601	BS117A1-1-3-1, 3CP231X			CI 9122 B4512A1-32		15526
4602	7/25	" -4 8/26		50		
	<u>No</u> Pan 9/17 Ripe ^{sl} faster than CP, <u>✓ good</u>					
4603	7/25	" -5 9/26		48		
	<u>No</u> Pan 9/17 Like 4602					
4604		" 6				
4605	BS117A1-1-2-2, -1,			"		15527
4606	"	" -2,				
4607	"	" -3,				
4608	"	" -4,				

Rto Pt. H in 1956

are too tall,

	Date		Plant hgt. (in.)			
	1st Seed	Full Ripe				
BS117A1-1-2-2, 5			CP 231X	CT 9122	B4512A1-32	4609
5275/25						
"		8/26		49		4610
						Pan 9/17
Tall as or taller than CP. v good E BBT type						
BS117A1-41-1-1, 1						4611
530-1 not planted						
"		8/26		54		4612
-2 7/25						Pan 9/17
v good sturdy strawed CP						
"						
-3 not planted						4613
"						
4 7/25						4614
BS117A2-28-3-1, 1, 1						4615
545 7/25						
much shorter than						
7/25		8/26		52		4616
not 50.						Pan 9/17

	Date		Plant hgt. (in.)		
	1st Head	Full Rise			
4617	BS117A2-28-3-1, 7/25	CP231X B4512 A1-32 7/25	3		15545
4618	7/24	" 9/26 -4,	47		✓
Pan 9/17					
4619	7/25	" -5,			✓
4620	Rbt 50.				
4621	BS117A2-28-3-1,6, 7/25	8/26	44		15545
Pan 9/17 saved shortest					
4622	BS117A2-28-3-2-1, 7/25				15546
4623	7/25	" -2,			✓
4624	7/25	" 8/26 -3,	52		✓
Pan 9/17 saved shortest, saved E Bbt 1/2					

Date		Plant	
1st	Full	hgt.	
Head	Rice	(in.)	
B5117A2-28-3-2, ⁴	CP231X	B4512A1-32	4625
546			
7/25	"	-5,	4626
7/25	"	-6,	4627
B5117A2-55-2-1,-1,			4628
551-17/24			
551-2 7/24		-2,	4629
551-3 7/24		-3,	4630
B5117A2-55-2-2,-1,			4631
552-1	8/25		
7/24			
5552-2		-2,	4632
7/24	8/25		
Shorter than CP-31			Pan 9/17

Date		Plant hgt. (in.)
1st Head	Full Ride	

4633

BS117A2-55-22, CP231X B4512A1-32
7/24 8/25

CI 9122

15552

4634

BS118A1-10-1-1-1, Blt 50X B4512A1-32

CI 912V

15557

4635

" 2L

9/2

41

✓

Par 9/17

Succ shortest plants

4636

" -3

✓

4637

" -4

✓

4638

" -5

✓

4639

"

✓

4640

CP-231
7/25

Blt 50X or taller + similar in

Plt 50X

Date		Plant			
1st Seed	Full Ripe	hgt. (in.)			
CF 9/22					
B5223A3-8-1-1	B4512A1-32	x B6t 50	58	4641	
572			Prok 4642		
"		-2,	↓?	4642	
8/30 shorter lot than B6t 50					Pan 9/17
"		-3,		4643	
"		-4,		4644	
"		-5,		4645	
"		-6,		4646	
B5223A3-8-1-2					
573				4647	
"		-2,		4648	

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
4649	B5223A38-1-2, B4512A1-32 X		B6t 50		15573
4650	"				✓
4651	"				✓
4652	"				✓
4653	B5223A5-A-2-1,		"		15585
4654	"				15576
4655	"				✓
4656	"				✓

BBt mod. v. lat.

BBt mod. v. lat.

	Date		Plant hgt. (in.)			
	1st Seed	Full Ripe				
5585	B5223A5-14-2-1,		B4512A1-32 x	B61	50	4657
✓	"					4658
5590	B5223A5-56-2-2,			"		4659
	B4512A1-32		7/9	51		4660
5590	B5223A5-56-2-2,			"		4661
✓	"					4662
5592	B5223A5-56-3-2,			"		4663
✓	"					4664

B61 met 1 lot

check cross

Date		Plant hgt. (in.)
1st Head	Full Ripe	

CI 9/22

4665

B5223A5-56-3-2, B4512A1-32x B6150

15592

4666

"

4667

"

4668

"

4669

B5223A5-60-1-1-1

9/12

"

57

1559

Nr
Pan 9/17

all in this line have v short let, B61 mat,
look like CI 9278 sel.

4670

"

-2,

9/12

57

Nr
Pan 9/17

4671

"

-3,

4672

"

-4,

check row

Date		Plant			
1st	Full	hgt.			
Head	Ripe	(in.)			
B5223AS-60-1-1, 5		CT 9/22	B4512A1-32 x B6t 50	4673	
5593					
B5223AS-60-1-2, -1,			"	4674	
5594					
"		- 2,		4675	
"		- 3,		4676	
"		- 4,	49	4677	
	9/12				
more uniform hit than others - Hey row					
1. short hit,					
"		- 5,		4678	
B5223AS-60-2-1, -1,			"	4679	
5595					
B6t 50				4680	

Ho
Pan 9/17

check cross

Date		Plant hgt. (in.)
1st Head	Full Rise	

CI 9x22

BS223AS-60-2-1, B4512A1-32x Bkt 50 15595

4681

4682

" -2,
9/12

47

L

Pan 9/17

4683

" -3,

✓

4684

BS223AS-60-2-2, -1,

"

1559

most of the drop in AS-60 from the V-shape hgt. study
but white belly on granos. like 9278

Chick crow

Date		Plant	
1st Seed	Full Ripe	hgt. (in.)	
B5223A5-60-2-2,	B4512A1-32x	Blk 50	4701
5596			
"			4702
B5223A5-60-3-1,		"	4703
5597			
"			4704
"			4705
"			4706
B5223A5-60-3-2, -1,			4707
5598			
"	9/12	50	4708

Not to be used for sowing seeds, must be kept in Pan 9/1-7

	Date		Plant hgt. (in.)	Iodine	
	1st Head	Full Ripe			
4709	B5223A5-60-3-2,	B4512A1-32X	Bht 50	<u>56</u> 57	15598
4710	"	-4			✓
4711	B5232A1-68-2-1,	C.I 9278 X CP231		<u>88</u>	466
4712		-2,		<u>88</u>	✓
4713		-3,		<u>88</u>	✓
4714	B5232A1-86-1-2,			<u>87"</u>	466
4715		-3,		<u>87</u>	✓
4716		-4,		<u>87</u>	✓

	Date		Plant hgt. (in.)	Iodine		
	1st Seed	Full Ripe				
B5232A1-112-1-2-1, C.I 77				<u>56</u> 57	9278x CP231	4717
				<u>90</u>		
		0-2,		<u>90</u>		4718
		0-3,		<u>90</u>		4719
CP-23/ 7/25						4720
B5232A1-2-1-1, ^{CF9278} 602					B4312A1-32x CP231	4721
	"	2, 9/12		<u>73</u>		4722
glb hulls, BB mid, short sturdy, bit, rather large					Pan 9/17	
	"	3,				4723
	"	4,				4724

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
4725	BS232A1-3-14		679378 B455A1-35x	CP231	15608
4726	"				L
4727	"				L
4728	"				L
4729	BS232A1-3-1-2,			"	1560
4730	"				L
4731	"				L
4732	"				L

look like 9278, rather tall, disc

	Date		Plant hgt. (in.)			
	1st Seed	Full Ripe				
5611	B5232A1-3-2-1,		CI 9278 B455A1-25 x	CP 23/		4733
L		11-2				4734
L		11-3				4735
L		11-4 9/10		44		4736
	B5232A1-3-2-2,			"	Pan 9/17	4737
15612-1						
-2		"				4738
-3		"				4739
	B4512A1-32					4740
	7/14					

Larker Lake CI 9278x B45

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
4741	B5232A1-3-22,		CE 9278 B455A1-25x	CP231		15612-4
4742	"					-5
4743	"					-6
4744	B5232A1-8-1-1,		"			15613
4745	"					✓
4746	"					✓
4747	"					✓
4748	"					✓

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
B5232A1-10-21 5621-1			CI 9278	B455A1-25X	CP231	4749
-2 7/25		"				4750
-3 7/25		"				4751
-4 7/25		"				4752
-5 7/25		"				4753
-6 7/25		"				4754
20/4 -1 7/25				B5232A1-10-21	CI 9278XCP231	4755
-2 7/25				-2	61	4756

cf mat, gold heads
shorter but slow ripening V. good, opaque texture due

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
4757	BS232A1-10-2, 7/25		CE9278 x CP231			$\frac{770}{4}-3$
4758	7/25					-4
4759	7/25					-5
4760	BBT 50.					
4761	7/25					$\frac{770}{4}-6$
4762	7/25					$\frac{770}{5}-1$
4763	7/25					-2
4764	7/25					-3

70 family has v. short stalks, uniform - v good
stem texture fairly good.

54

Date		Plant				
1st Head	Full Bipe	hgt. (in.)				
B5232 A1-10-2, CF9278 x CP23)						
0/5-4	7/25					4765
-5	7/25					4766
-6	7/25					4767
0/6-1	7/25					4768
-2	7/25					4769
-3	7/25					4770
-4	7/25					4771
-5	7/25					4772

Date	
1st Head	Full
	Rice

Plant
hgt.
(in)

B5232A1-10-2, CI9278 x CP231

4773 7/25

70
6-6

CI9278

B5232A1-10-2-2, ~~B453A1-25X~~ CP 231

4774 7/25

15622

"

4775

<

4776 7/25

<

4777 "

<

4778 B5232A1-58-H, "

15622

4779 "

-2

4780 CP-231
7/25

BB150 types with shorter but poor grain texture wh. belly than CP231, poor grain texture short stature, gold hulls

Date		Plant hgt. (in.)		
1st Head	Full Ripe			
135232A1-58-1-1, 627-3		419278	B455A1-20-X	CP 231 4781

4	"			4782
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135232A1-58-1-2, 1, 628		"		4783
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4	"	-2,		4784
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Sown April 24 (4801 to 5484)

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
4801	B5232A1-58-1-2,	9/6	CF 9278 B455A1-25x	CP231	15628
4802	"	9/6	4	90	L
4803	"	9/6	46 -5	92	L
4804	"	9/6	-6		L
4805	B5232A1-54-H, -1,			"	15628
4806	"	9/6	-2,		-2
4807	"	9/6	48 -3,	80	-3
4808	"	9/6	-4,	76	-4

	Date		Plant hgt. (in.)		
	1st Seed	Full Ripe			
5629-5	B5232A1-54-1-1,		50 I 9278	B455A1-25 x CP 231	4809
5631	B5232A1-54-1-2, -1,			" "	4810
			↑	Taller than others	
4	"		- 2,		4811
4	"		47-3,	67 Pan	4812
				more uniform lot than others	
4	"		- 4,		4813
4	"		- 5,		4814
4	"		- 6 -		4815
5633	B5232A1-58-1-2-1,			" "	4816

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
4817	B5232A1-58-1-2,	² B455A1-25 x	CP 922	CP 231	15633
4818	"	9/4 -3, 47	96		L
	Pan 9/2				
4819	9/3	Rather leafy, short sturdy, B&T leaf width; good,			
	B4512A1-32	-4,			
4820	"				
4821	B5232A1-58-1-2,	"			15633
4822	"				L
4823	B5232A1-58-1-3, -1,	"			15634
4824	"	-2,	9/6	94	L
	Pan 9/2				

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
135-232A1-58-1-3, B455A1-25X				3CP 9278	CP 231
639					4825
"			-4,		4826
"		9/4	-5,		4827
				Pan 9/2	
much like previous sel from this family					
"			-6,		4828
				These rows are 5/29	
B5232A1-63-1-1-1,		9/28			4829
5635 7/25				5/29	
Tall					
"		9/8	-2,	7/1 5/30	4830
				labeled 2830 Pan 9/2 Change this	
gold + rather tall, looks like B5334A sel. for grain + plant					
"			-3,		4831
"		9/6	-6,		4832
as short + like previous families Too much leaf area?				94 Pan 9/2	

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
4833	BS232A1-63-1-1, BS55A1-35X CP231					15635
4834	"					✓
4835	BS232A1-63-1-1, . . .					15636
4836	" -2,			77		✓
Pan 9/17						
✓ shd hlt, sturdy, Pan rather short,						
4837	"					✓
4838	BS232A1-90-1-1			"		15647
4839	" -2, 9/4			78		✓
Pan 9/2						
gold hulls, short sturdy straw						
4840	Blt 50.					

	Date		Plant hgt. (in.)	CI 9278	CP 231
	1st Head	Full Ripe			
652-1	B5232A1-101-1-2,	B455A1-25 x			4841
- 2	"	-2, 9/6		72 Pan 9/2	4842
	gold hulls, short sturdy stem				
- 37/15	"				4843
5653-1	B5232A1-101-1-3,-1,				4844
- 2	"	-2,			4845
- 3	"	-3, 9/5		75 Pan 9/2	4846
	shorter hulls				
5654-1	B5232A1-101-1-4,-1,				4847
- 2	"	-2,			4848

	Date		Plant hgt. (in.)	Iodine	
	1st Head	Full Rice			
4849	B5232A1-101-4, 3 9/4 Pan 9/2	B455A1-25 x CP23) C29278 15654-3	56 57 60		
	Shaw hulls.				
4850	B5232A1-102-1-2, -1,				15656
4851	" 9/7 Pan 9/2	-2,	70		L
	slow leaf opening, good gold hulls, sturdy straw, clean				
4852	"	-3,			L
4853	"	-4,			i
4854	F5 B5328A1-2 -1-1, CP23 x F, 7/25	(CP23 x CI 8150) 38			4261
4855	7/24	-2,	38		L
4856	7/24	-2,	38		L
	Tall, & weak straw				

	Date		Plant hgt. (in.)	Iodine	
	1st Seed	Full Ripe			
5 261	B5328A1-2-1-4, CP231XF, (CP231X C.I. 8150)	7/25		<u>56</u> 57 <u>38</u>	4857
4		7/23	-5,	<u>38</u>	4858
4		7/24	-6,	<u>38</u>	4859
	CP-231	7/25	9/26	<u>93</u> <u>69</u> Pan 9/2	4860
5 225	B5339A6-2-1-1, Dw. TPX CP231	7/23		<u>90</u>	4861
4		8/26	-2,	<u>90</u> 95	4862
4			-2,	<u>90</u>	4863
5 238	B5339A9-9-3-1, Dw. TPX CP231	7/21		<u>91</u>	4864

11 day growth, excellent tillering
on 7/28

Panicle rather short, clear veg, slow leaf drying
Uniform ht, v short, good for crossing

	Date		Plant hgt. (in.)	Iodine	
	1st Head	Full Ripe			
4865	F5 B5339A9-9-3-2, 7/20			<u>56</u> 57 91	4238
4866	7/21	-3,	fast developing	<u>91</u>	✓
4867	F5 B5339A3-13-4-10, 7/21			<u>11</u> 88	4348 4238
4868	7/24	-2,		<u>88</u>	✓
4869	7/24	-3,	Top	<u>88</u>	✓
4870	F5 B5334A-5-1-1, CP231X B4030 A3-13, 7/24			<u>88</u>	4401
4871		-2,		<u>88</u>	✓
4872	7/23	-3,		<u>88</u>	✓

	Date		Plant hgt. (in.)	Iodine		
	1st Head	Full Rise				
F ₅ B5334A1-15-2-1, CP231X B4030A3-13 4407 7/24 short seg on 7/8				<u>56</u> 57 <u>88</u>		4873
7/25 9/16-2, 46 Taller than 4873 & 75 on 7/8. Slow leaf dry- it as tall as p23, heads shorter but many heads. Pan 9/2 et. excellent tillering, excellent grain shape, small green <u>alt + use in</u> <u>crusca</u>				<u>88</u> 95		4874 9/3 <u>Mr</u>
-3, short seg on 7/8				<u>88</u>		4875
F ₅ B5334A1-15-2-1, CP231X B4030A3-13 4416				<u>90</u>		4876
7/26 -2, leaf long post				<u>90</u>		4877
7/25 -3, leaf long post				<u>90</u>		4878
F ₅ B5334A1-15-14, CP 4421 8/28 50				<u>47</u> 11 82		4879 9/3 <u>Mr</u>
excellent cotype for mat + ht + appearance <u>Adm</u> BBT 50 9/2						4880 shorter than 4875 on 7/8 Pan 9/2

	Date		Plant hgt. (in.)	Iodine	
	1st Head	Full Ripe			
4881	F5 B533 4A1-15-1-2,	CP23/X	56 57	B403093 1/3 47	4421
4882		-3,	47 76		L
4883		-4,	47 75		L
4884		-5,	47 80		L

Pan 9/2

Pan 9/2

Pan 9/2

Pan 9/2

all of the above papers

	Date		Plant hgt. (in.)	Iodine	
	1st Head	Full Ripe			
F ₅ BS334A1-25-1-6, CP231X B4630A3-13 421				<u>56</u> 57	4901
F ₅ BS334A2-3-1-1 423 7/25				<u>87</u>	4902
7/25 -2,			Disc. acet high iodine	<u>87</u>	4903
7/23 -3,				<u>87</u>	4904
F ₅ BS15A1-4-1-21, CP231X P.I. 184, 812 4479 7/19				<u>78</u>	4905
7/19 -2,				<u>78</u>	4906
7/17 -3,				<u>78</u>	4907
F ₆ BS15A1-4-2-1-1 4482 7/16				<u>67</u>	4908

	Date		Plant hgt. (in.)	Iodine	
	1st Head	Full Ripe			
4909	FL B515A1-42-1-2, 7/14		CP231x P.I. 184, 8/12 57	56 57 67	44822
4910	7/15	-3,		67	L
4911	7/15	-4,		67	44822
4912	7/21	-5,		67	L
4913	7/19	-6,		67	L
4914	FL B515A1-61-2-1, 7/14			94	450
4915	7/15	-2,		94	L
4916	7/14	-3,		94	L

	Date		Plant hgt. (in.)	Iodine	
	1st Head	Full Ripe			
6 507	BS/5A1-12-1-3-1, 7/18		CP231 x P.I. 184, 8/12	<u>56</u> 57 <u>45</u>	4917
✓	7/18	-2,	<u>45</u>		4918
510	CP 231, Rogue 7/24		<u>93</u>		4919
	CP-231 7/24				4920
510	CP 231, Rogue 7/24		<u>93</u>		4921
✓	CP 231, Rogue 7/24		<u>93</u>		4922
6 1542	BS/5A1-41-2-1-1, 7/25		CP231 x P.I. 184, 8/12	<u>82</u>	4923
✓	7/24	-21	<u>82</u>		4924

	Date		Plant hgt. (in.)	Iodine		
	1st Head	Full Ripe		56	57	
4925	F ₆ B515A1-41-2-5-1, CP231X P.I. 184, 812 7/24 Seg.			97	97	4546
4926	7/25 -2,			92		4546
4927	F ₆ B515A1-42-5-1-1, 7/15			23	11	4553
4928	7/19 -2,			23		L
4929	7/19 -3,			23		L
4930	7/19 8/24-4,			23	75	L
4931	7/19 -5,			23		L
4932	7/19 -6,			23		L

v. narrow leaf type

semi spreading short habit on 7/18

pan 9/2

v tall & weak straw

	Date		Plant hgt. (in.)	Iodine		
	1st Eeod	Full Ripe				
559	7/21			56 57 22	184, 812	4933
	mired?					
✓	7/18	-2,		22		4934
✓	7/24	-3,		22		4935
✓	7/14			25		4936
	BSISA-46-1-1,					
561	7/14					
✓	7/15	-2,		25		4937
✓	7/17	-3,		25		4938
✓	BSISA-55-1-2-1,			39 11		4939
563	7/25					
	B4512A1-32					4940
	7/14					

	Date		Plant hgt. (in.)	Jodine	
	1st Head	Full Ripe			
4941	F ₆ BS/SAI-55-1-2-2, 7/21		CP 231 X P.I.	56 57 39	184, 812 4563
4942	7/25	8/25-3, Pan 9/12		39 67	L
	V early second growth 1/2 way tillering, why does sucker shoots develop so early?				
4943	F ₆ BS/SAI-55-2-1, 7/13			39	4564
4944	7/19	-2,		39	L
4945	7/21	-3 8/25	Ear clear to 60, fairly good straw 44-46 good grain type	39 79	4565
4946	7/26	8/27-4, Pan 9/2		39 63	L
4947	7/19	-5,		39	L
4948	F ₆ BS/SAI-55-3-1, 7/22			28	4566
	Too till				

	Date		Plant hgt. (in.)	Iodine	
	1st Head	Full Ripe			
F ₆ BSISA1-55-3-1-2, CP231 x P.I. 184, 8/12				56 57	
367 7/13	8/28	48	28	83	4949 Hr 9/3
very long, Volendam grain, v long, sparse pan. v taller than CP231, standing fairly well, unusual type Pan 9/2					
7/19	-3,		28		4950
Too tall					
F ₆ BSISA1-55-5-1,				44 78	4951
368 7/22					Pan 9/2
are rather tall but good yield + long panicles, good open type					
7/26	-2,		44 72		4952
present, rounded heads					
	-3,		44 80		4953
Best Agron char of this trio					
F ₆ BSISA1-55-5-3-1,				24	4954
370 7/25	9/25	48	24 52	19	
are rather tall but good yield + long panicles, good open type					
7/25	-2,		24 52	19	4955
no taller than C.P. good.					
	-3,		24		4956
7/24	8/25				

	Date		Plant hgt. (in.)	Jodine	
	1st Head	Full Ripe			
4957	F ₆ B515A1-55-5-3-4, CP231X P.I. 184, 8/2 7/25			56/57 <u>24</u>	4570
4958	7/25	-5,		<u>24</u>	L
4959	7/25	61		<u>24</u>	L
4960	Bbt 50. 9/6			<u>45</u>	
Pan 9/2					
4961	F ₆ B516A1-5-2-1-1, CP231X C.I. 8150 7/8 Say			<u>32</u>	457
4962	7/10	-2,	46	<u>32</u>	L
4963	7/9	-3,	43	<u>32</u>	L
4964	F ₆ B516A1-5-2-3-1, 7/14		48	<u>54'</u>	457

	Date		Plant hgt. (in.)	Iodine	
	1st Head	Full Ripe			
F6 B516A1-5-2-3-2, CP 231X C.I. 8150 4597 7/6 43				56 57 54	4965
L 7/6 -3, 37				54	4966
F6 B516A1-8-1-3-1, 4583				37	4967
L -2,				37	4968
L -3,				37	4969
L -4,				37	4970
L -5,				37	4971
L -6,				37	4972

Have 1 pan grain shape, (treated) very short list.

4967 to 4972 are extremely short on 7/8

Row 4973 to 4984 have v about reg on 7/8 much shorter

	Date		Plant hgt. (in.)	Iodine	
	1st Head	Full Ripe			
4973	F6 BS16A1-8-1-4-1, 7/22		CP231	56 52 40	4584
4974	7/23 -2,			40	L
4975	7/23 -3,			40	L
4976	7/22 -4,			40	L
4977	7/22 -5,			40	L
4978	7/22 -6,			40	L
4979	F6 BS16A1-14-3-1-1,			30''	4604
4980	CP-231 7/25				1

Twisted grain chaps, discarded as very short

than CP231

	Date		Plant hgt. (in.)	Iodine		
	1st Seed	Full Ripe				
✓	F6 B516 A1-14-3-1-2, CP231 x C.I. 8150 4604			<u>56</u> 57 30		4981
✓	7/25	-3,		<u>30</u>		4982
✓	7/21	-4,		<u>30</u>		4983
	all tall neg 75 than others					
✓	7/25	-5,		<u>30</u>		4984

V poor grain shape (twisted) seed lot

5002 and above have much taller seg on 7/8 than 5001

	Date		Plant hgt. (in.)	Iodine <u>56</u> 57		
	1st Head	Full Ripe				
5001	F6 B516A1-14-3-1-6, CP231X C.I. 8150 7/25			<u>30</u>		4604
5002	F5 B5316A1-1-1, B4512A1-32 X T.P. 7/13		C.I. 9122 49	<u>37</u>	↑	410.
5003	9/3 No + Bulk 7/15		-2, 50	<u>37</u> bulk		L
5004	7/13		-3, 48	<u>37</u> ✓		L
5005	F5 B5316A1-23-5-1, 51 7/13		51	<u>26</u>		4110
5006	9/3 No + Bulk 7/13		-2, 51	<u>26</u> 50		L
5007	7/14		-3, 52	<u>26</u> 30 ✓		L
5008	F5 B5316A1-23-7-1, 7/13			<u>31</u> '1		4112

gives shows later than
others

	Date		Plant hgt. (in.)	Iodine	
	1st Head	Full Ripe			
F ₅ B5316A1-23-7-2, 1112 7/14				56 57 31	(I9)22 B4512A1-32 x T.P. 5009

L 7/13		-3,	31	5010
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F ₅ B5316A1-23-11-1, 1116 7/13		50	23 40 Bulk	5011
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L 7/13		-2, 51	23 40	5012 (Harv Bulk 9/3)
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F ₅ B5316A1-26-3-1, 1119 7/13			33	5013
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L 7/13		-2,	33	5014
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L 7/13		-2,	33	5015
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F ₅ B5316A1-29-1-74, 1131 7/13		47	29 35 Bulk(3)	5016
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Ant Bulk
5016

Date		Plant hgt. (in.)	Iodine	
1st Head	Full Ripe			
			56/57 219/22	
Fs	B53/6A1-29-1-7-2,	B45/2A1-32 x T.P.	29/35	413

5017
9/3

7/13
47

5018

7/14

-3,
48

29/35

5019
9/3

Fs B53/6A1-29-1-8-1, 51
7/13

21/27

413

5020

B45/2A1-32
7/14

5021
9/3

Fs B53/6A1-29-1-8-2, 53
7/13

21/25

413

5022

Fs B53/6A1-29-11-1, 48
7/14

23/44 bulk

413

5023
9/3

7/13

-2, 48

23/44

L

5024

7/13

-3, 47

23/44 ✓

L

	Date		Plant hgt. (in.)	Iodine stabil		
	1st Head	Full Ripe				
F ₅ B5317A1-1-1, 4136-1		9/2	56	57	R	5025
			32	30 25		Hv

4136-2	-2,		32	R		5026
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4136-3	-2,		32	R		5027
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F ₅ B5317A1-40-3-1, 4147 7/13	8/15	50	28	63 40		5028
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4147 7/13	8/15	50	28	57 40		5029
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4147 7/13	8/15	50	28	53 40		5030
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F ₅ B5317A1-2-1, 4150 I			31		R	5031
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4150 I	-2 9/7		31	36 20	R	5032
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4150 I tall, prob. earlier than B5317A1.50

Tall & B5317A1.50 mat, 10 ears

4150 I tall, prob. earlier than B5317A1.50

	Date		Plant hgt. (in.)	Iodine str. Hl		
	1st Head	Full Ripe				
5033	F ₃ B5317 A1-2-3	7/13	47	56 31	Rexoro R	4150 I
5034	Bulk	7/13	47	22 31	Bulk	4150 II
5035	W	7/15	48	22 31		
5036	W	7/13	46	22 31		
5037	F ₃ B5317 A1-6-1	7/13	48	18 32	R	4154 I
5038	W	7/13	48	18 32	R	
5039	W	7/13	52	18 32	R	
5040	Bt 50.		57	30		

	Date		Plant hgt. (in.)	Seedling str.	
	1st Head	Full Rise			
F ₅ B5317A1-6-4, 154 II 4 7/13		8/15	47	56 57 16 35 Bull R	Bull 5041 8/3
-5 7/13		-5 8/15	45	16 35 R	5042 8/3
-6 7/13		-6 8/15	44	16 35 R	5043 8/3
F ₅ B5317A1-7-1, 155				41	5044
-2,				41	5045
-3,				41	5046
F ₅ B5338A13-3-1, B4030A3-13 X B4512A1-52 162 7/16				14 35 CI 9122	5047
- 7/13		-2,		14	5048

	Date		Plant hgt. (in.)	Iodine	Status	
	1st Head	Full Rise				
5049	FS B5338A4-3-3-3, 7/8	8/15	134030A3-13X 44	56 57 14 27	CF 9/22 B4512A1-32	4162
Pan 9/2 V early, short lit. v. uniform						
5050	FS B5338A6-1-1-1, 9/10			56 57	R	4163
Pan 9/2						
5051		-2, 9/10		56 65 A 61	R	-
Pan 9/2						
5052		-3, 9/10		56 63	R	-
Pan 9/2						
5053		-4, 9/10		56 52	R	-
Pan 9/2						
5054		-5, 9/10		56	R	-
Pan 9/2						
5055	FS B5338A6-3-1-1, 7/15			35	S	4164
S to the Rd						
5056	7/14	-2,		35	S	-

W. short seg on 7/8. Some segs appear to be segs, to be
may be thinning of maturity of 1/10
BB 50 note and summer lit, v. good green
slope! Very good, sturdy straw check
rodent in 1957.

	Date		Plant hgt. (in.)	Iodine	St. Det	
	1st Head	Full Ripe				
F-5 B5338A6-3-1-3, B4030A3-13X	7/14			56 57		C.I. 9122 B5338A1-32 S 5057
-3				35		
-4 7/14			-4	35	S	5058
-5 7/14			-5	35	S	5059
CP-231 7/25 8/29				90		5060 Pan 9/2
F-5 B5338A6-6-1-1, 1167-1				62 11	R	5061
-2			-2	62	S-MS	5062
-3			-3	62	MR	5063
-4			-4	62	MR	5064

all are v. early, short lat, good

as tree as B5338A5-0 - about as late, but
not high iodine

	Date		Plant hgt. (in.)	Jodine	Str. Ht.	
	1st Head	Full Ripe				
5065	Fs B5338A6-6-1-5,		B4030A3-13X	56 57 62	CI 9/22 MS 4/67	
5066	Fs B5338A6-6-3-1, 7/14 Sep			58 78	MR	4/69-
	Pan 9/2	RLH H				
5067	7/14 Sep	-2,		58 78	MR	-2
	Pan 9/2					
5068	7/14 Sep	-3,		58 82	MR	-3
	Pan 9/2	Sand V earlies				
5069	7/14 9/20	-4,		58 77	MR	-4
	Pan 9/2	all V early				
5070	7/14 Sep	-5,		58 83	MR	-5
	Pan 9/2	Sand V earlies, V good grain type short ht				
5071	Fs B5338A6-9-1-1, 7/15			63 11		4/17,
	Pan 9/2					
5072	7/14	-2, 7/20		63		L
	Pan 9/2	fast ripening but good grain type				

	Date		Plant hgt. (in.)	Julia <u>56 57</u>	
	1st Seed	Full Ripe			
5	B5338A6-9-1-3	B4030A3-13X	B4512A1-32	CI 9/22	5073
171	7/14		<u>63</u>		
5	B5338A6-9-2-1,				5074
172	7/14		<u>66</u>		
6	7/14	-2,	<u>66</u>		5075
6	7/15	-3,	<u>66</u>		5076
5	B5338A6-15-1-1,				5077
175	7/14		<u>52</u>		
6	7/14	-2,	<u>52</u>		5078
6	7/14	-3,	<u>52</u>		5079
	B4512A1-32				5080
	7/15				

	Date		Plant hgt. (in.)	Iodine	Stalk	
	1st Head	Full Ripe				
5081	7/14			56 57	CF 9/22	417
FS B5338A6-15-2-1, B4030A3-13x B4570A3						
				54		
5082	7/14	-2,		54		L
5083	7/14	-3,		54		L
5084	7/20			49 '1	S	411
FS B5338A6-21-2-1,						

The B5338A cross is showing many V group
 nearly lines that have excellent veg growth &
 V group color on 7/8. Dark green & leaves no
 wider than CP 231. Many as early as (I 9/22)

See Eagle Lake Straighthead

5111 to 5118 have excellent neg on 7/8, dark grey

	Date		Plant hgt. (in.)	Iodine		
	1st Head	Full Ripe		56	57	
5109	Fs 7/14 Rhiz. Rd	B5338A1-4-1-3,	B4030A3-15X	52	57	CF 9/22 MR 4184-
5110	7/14	-4,		52		MR -4
5111	7/14	Fs B5338A1-4-1-1,		52	"	420
5112	7/14	-2,		52		L
5113	7/14	-3,		52		L
5114	7/14	Fs B5338A3-20-3-1, Sew		31	"	42
5115	7/14 hr 9/3	-2, 8/18 48		31	40	L
Pan 7/8 good V early type.						
5116	7/14	-3,		31		L

5124 to 5140 are c p h or taller on 7/8 unless otherwise

	Date		Plant hgt. (in.)	Iodine test	
	1st Head	Full Ripe		56	57
5125	Fs B5338A3-25-2-5, 7/25	B4030A3-13X	38	S	4276
5126	7/25	-6,	38	S	-6
5127	Fs B5338A3-25-3-1, 7/24	many yellow leaves on 7/8	34	S	4277
5128	4828	-2,	34	S	-
5129	4829	9/5 -3, 46	34 77	S	-
5130	Fs B5338A3-29-1, 4830	V short hgt, v long row looks like B455A1-2	68	427	
5131	9/13	-2,	68 50	427	-
5132	7/19	-3,	68	427	-

Plotted 5129
Pan 9/2
Pan 9/17

sted,

	Date		Plant hgt. (in.)	Iodine Shift		
	1st Head	Full Ripe				
Fs BS338A3-3-1, B4030A3-13 X 4279-1			56 30	57 S	CF 9/22 515120132	5133
-2		-2 9/14	30 29	S		5134
-3		-3,	30	S	all now alike, V long, nut flops. Pan 9/17	5135
-4		-4,	30	S		5136
-5		-5,	30	S		5137
-6		-6,	30	S		5138
Fs 135338A5-2-1, 4282-1 7/15 Short neg on 7/8			38	MS		5139
CP-2 31 7/24						5140

V. long & nut flops later than BS338A3-3-1

5141 to 5156 are mostly short reg on 7/8 & dark green

	Date		Plant hgt. (in.)	Sodine	J.H.
	1st Head	Full Ripe			
5141	7/14		56	57	CT 9/22 MS 4282-
Fs B5338A5-2-1-2, B4030A3-13X B4579A7					
5142	7/13	-3,	38		MS -
5143	7/13	-4,	38		MS -
5144	7/13	-5,	38		MS -
5145	7/13	-6,	38		MS -
5146	7/8		47		43
Fs B5338A5-2-4-1,					
5147	7/13	-2,	47		
5148	7/13	-3,	47		

ome sign

	Date		Plant hgt. (in.)	Iodine stg		
	1st Seed	Full Ripe				
FS 1307	B5338A5-11-2-1,	84030A3-13 X	B4512A1-32	56 57 22	CF 9/22	5149
L		-2, 53 9/10	22 22 47			5150 Hr 9/3
	Reiter tail	TP type, uniform			Pan 9/2	
L		-3, 9/10	53 22			5151
					Pan 9/17	
FS 4332-17/15	B5338A7-12-3-1,	44 8/16	43 78	11	MS	5152
					Pan 9/2	
-2 7/14		-2,	43		MS	5153
-3 7/14		-3, 44	43 78		MS	5154
-4 7/14		-4, 8/16	43		MS	5155
-5 7/4		-5,	43		MR	5156

all ripe by 8/16 should be

5157 to 5169 hms what say on 7/8

	Date		Plant hgt. (in.)	Iodine	Still
	1st Head	Full Rise			
5157	7/13		56	57	CD 9/22
Fs B5338A7-12-3-6, B4030A3-13x				43	MR 4332
Pan				75	
5158	7/7	-7,	43		
5159	7/6	-8,	43		
5160	7/13				
B4512A1-32					
5161	7/13	8/16	43	11	4332
Fs B5338A7-12-3-9,					
Pan 9/2					
5162	7/14		33	11	MR 4335
Fs B5338A7-12-6-1,					
5163	7/8	-2,	33	81	MS
Pan					
5164	7/5	-2,	33		R

	Date		Plant hgt. (in.)	Iodine	Stk. Ht.		
	1st Head	Full Ripe					
FS B5338A7-12-6-4, B4030A3-13X 4335-4/7/14				56/57 33	Stk. Ht. R	CI 9/22 505/1001-32	5165
-5/7/14			-5,	33	MS		5166
-6 7/10 8/10			-6,	33/67	S	Pan 9/2	5167
-7 7/6			-7,	33			5168
-8 7/14			-8,	33			5169
FS B5320A2-5-1-1, 4372 723 S 4				CP231 X T.P. 54/670			5170
7/25 S			-2,	54/70		Pan 9/17.	5171
7/25 S			-3,	54/65		Pan 9/17.	5172
all late on 9/18						Pan 9/17	

	Date		Plant hgt. (in.)	Iodine		
	1st Head	Full Rise				
5173	Fs B5320A2-5-1-4, 7/24 S		CP 231 X	56/57 54/82	T.P.	4372
5174	Pan 9/17 7/24 S		5,	54/83		
5175	Pan 9/12 7/24 S		6,	54/75		
5176	Pan 9/17		B501A1-26-9-2-1, B6EX B433A2-6			
5177	"			26		
5178	"			25		
5179	"			23		
5180	B6F 50.					

↑ tall reg on 7/8

↓ dried carbo in moist place

Date		Plant	Iodine
1st	Full	hgt.	
Head	Ripe	(in.)	
B501A1-26-9-2-1,			56 57
5731			B433A2-6
			5181

L	11		5182
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			CF9278
B5-23A2-9-1-1-1,		B450X	455A1-25
681		46	5183

L	-2,	46	5184
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all A 2-9 lines look mudalike, slow
leaf drying, interned ht, (C Pht or less) BBT leaf width

	Date		Plant hgt. (in.)	Iodine	
	1st Head	Full Ripe			
5201	BS23/A2-9-1-1-3, 9/11		56	57	4681
			86	61	
5202	BS23/A2-9-1-2-1, Pan 9/17		52	51	4682
5203	-2, 9/11		52		✓
5204	-3, 9/11		52	56	✓
5205	BS23/A2-9-1-3-1, Pan 9/17		59	59	4688
5206	-2, 9/11		59	63	✓
5207	-3, 9/11		59		✓
5208	BS23/A2-9-1-4-1, Pan 9/17		60	61	468

dry field, sturdy stem

	Date		Plant hgt. (in.)	Seedling	
	1st Seed	Full Ripe			
1684	135-23	192-9-1-4-2, 9/11		54 57 Bht 50 X 60 58	CI 9278 455AT-25 5209 Pan 9/17

L	-3,	60	5210
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1704	B5231A2-26-3-1-1,	52	11	5211
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L	-2,	52	5212
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L	-3,	52	5213
---	-----	----	------

4706	B5231A2-26-3-4-1, Bht 50 X	51	CI 9278 455AT-25 5214
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L	-2,	51	5215
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L	-3,	51	5216
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Dry back too fresh, heads short & poorly filled
shorter than CP checker

	Date		Plant hgt. (in.)	Iodine	
	1st Head	Full Rice			
5217	B523/A1	27-1/1	56	57	15662
5218	"	"			L
5219	"	"			L
5220	CP-231	24			
5221	B523/A2	27-1/1		"	15662
5222	"	2		67	L
5223	"	"			L
5224	B5233A1-3-3-3-1			56	4715

CF-4278

CF-4278

Pan 9/17.

B455A1-25 x T.P.

	Date		Plant hgt. (in.)	Iodine	
	1st Ecod	Full Ripe			
9715	B5233A1-3-3-2	3-3-2	2	56 57 56	5225
4	9/13	3		56 44 43	5226
	shortest of group good grain type sturdy watch Pan 9/17				
5686	B5233A1-3-3-2	3-3-2	1	B435A1-25 X T.P. cf 9278	5227
4	7/24	"	2		5228
4	7/24	"	3		5229
4	7/25	"	4	63	5230
4	7/25	"	5		5231
4	7/25	"	6	57	5232

Pan 9/17

Pan 9/17

	Date		Plant hgt. (in.)		
	1st Head	Full Rise			
5233 <u>Nr</u>	B5233A1-3-3-2, 7/12	9/12	B455A1-25 X T.P. CJ 9278 67 41		15686
Pan 9/17	✓ good BST type, Watch				
5234	B5233A1-4-2-1,		"		15688
5235 <u>Nr</u>	"	-2 9/8	64 39		L
Pan 9/17	✓ good gold hulled Patra type, Pan too short,				
5236	"	-3			L
5237	B5233A1-4-2-1, 7/8	-1	" 65		15680
Pan 9/17	Like 5233, et al. Pan too short,				
5238	"	-2			L
5239	"	-3			L
5240 <u>Nr</u>	B4512A1-32 "	9/8	68 45		✓
Pan 9/17	all same, Pan too short, like 5233 et al				

	Date		Plant hgt. (in.)	Iodine	
	1st Head	Full Ripe			
5691	7/24			B5233A1-4-2-3 B455A1-25 X T.P. CJ 9278	5241
L	"		- 2		5242
L	"		- 3		5243
L	"		- 4	67 44	5244 N
				gold hulls, like other A1-4 lines, short Pan.	Pan 9/17
L	"				5245
L	"				5246
				B5233A1-4-2-1 B455A1-25 X T.P. CJ 9278 47	5247
L			- 2,	47	5248

A1-8 lines are v good. gold hulled, type, sl shorter than BB150 (about CP 1A) + green straw type, lines, sl. wider than CB good straw

	Date		Plant hgt. (in.)	Iodine	
	1st Head	Full Ripe			
5243	B5233A1-4-2-1-3,		56 57 47	56 57	4716
5250	B5233A1-8-1-1-1,		47	47	472
5251	-2, 9/8		49 A 63 B 43	42	L
5252	-3,		47		L
5253	B5233A1-8-1-2-1, 9/8		46 73 43	42	472
5254	-2,		46		L
5255	-3,		46		L
5258	B5233A1-8-1-3-1, 9/8		49 67 38	42	472

Pan 9/17

	Date		Plant hgt. (in.)	Iodine	
	1st Head	Full Ripe			
'726	B5233A1-8-1-3-2,		49	56 57 49	T.P. 5257
'727	B5233A1-8-1-4-1,		47	47	5258
L	9/8 -2,		47	67 44	5259 Hr
	B6+50				Pan 9/17. 5260
'728	B5233A1-8-1-5-1,		53	53	5261
L	-2,		53	53	5262
'729	B5233A1-8-1-6-1,		46	64 35	5263 Hr
L	like 5263		46	64	Pan 9/17. 5264

Date	
Let	Full
Head	T.

Plant
ht.

Iodine
56 57

5265

B5233A1-8-2-1-1, B455A1-25 X T.P.
 51 51

473

5266

-2,

51 11
 65
 32

L

Wn
 Pan 9/17

5267

B5233A1-8-2-2-1,

52 11

473

5268

-2,

52

L

5269

B5233A1-8-2-3-1,

52 11

47

5270

-2,

52

L

5271

B5233A1-8-2-4-1,

48 11

473

5272

-2,

48

L

Date		Plant		
1st	Full	hgt.		
Head	Ripe	(in.)		
B5233A1-8-1-1		5273		
692				
"		5274		
"		5275		
"		5276		
B5233A1-8-1-2		5277		
5693		47		
"		5278		
"		5279		
CP-231		5280		
7/23				

	Date		Plant hgt. (in.)	1st Food	Full Ripe	1569
	1st Food	Full Ripe				
5281	B5233A1-8-1-2, B455A1-25x T.P.		CI 9278			1569
5282	"					
5283	"					
5284	B5233A1-8-2-1, 1,		"			1569

	Date		Plant hgt. (in.)			
	1st Ecod	Full Ripe				
5695				CD 9278		5301
	B5233A1-8-2-12, B435A1-25 X T.P.					
		"	- 3			5302
		"	- 4	56 30		5303
	shorter at the others.					
5696				"		5304
	B5233A1-8-2-2,					
		"				5305
		"				5306
		"				5307
		"				5308

Xhr

Pan 9/17

	Date		Plant hgt. (in.)			
	1st Food	Full Ripe				
5309	B5233A1-8-5-1,		B455A1-25x	CT9278	T.P.	1570
5310	"					L
5311	"					L
5312	"					L
5313	"					L
5314	"					L
5315	B5233A1-8-5-2,			"		1570
5316	"					L

	Date		Plant hgt. (in.)	
	1st Head	Full Ripe		
5701	B5233A1-8-5-2,	B455A1-25 X T.P.		5317

5702	B5233A1-8-5-3, -1	11		5318
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L	11	-2		5319
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	B4512A1-32			5320
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5702	B5233A1-8-5-3, 3,	11 62 29		5321
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L	sl. shorter than average	11		5322
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L	11			5323
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15709	B5233A1-18-2-3,	11		5324
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	Date		Plant hgt. (in.)		
	1st Seed	Full Ripe			
5325	B5233A1-18-2-3, B455A1-25 X T.P.		CI 9278		1570
5326	"				✓
5327	"				✓
5328	"				✓
5329	B5233A1-18-2-6, -1			"	1571
5330	"		-2		1571
5331	"		-3		✓
5332	"	9/8	-4		✓
hr Pa 9/7 much like A1-2 sel. 53 22					

Too tall & too leafy

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
5713	B5233A1-18-2-6,	5	4278	B455A1-23 x T.P.	5333
4	"	-6,			5334
5714	B5233A1-18-4-1,	9/8		A 45 B 48 (17)	5335 Hw
	Saved those in which flag drop.				Pan 9/17
	Exceptionally short hit,				5336
4	"	-2,		48	
	Seg mat				
	Saved earliest with dropping flag, v short hit				Pan 9/17
4	"	-3,		43	5337
	v short hit, saved earliest				Pan 9/17
4	"	-4,		45	5338
					Pan
4	"	-5,			5339
	Bbt 50.				5340

most are segs, for most.

	Date		Plant hgt. (in.)		
	1st Hood	Full Ripe			
5341	B5233A1-18-4-4-1	9/8	51	1571	
5342	B5233A1-18-4-4-1	9/8	53	1571	
5343	"	5 9/8	61		
5344	"	5 9/8			
5345	"	5 9/8	19		
5346	"	5 9/8	59		
5347	B5233A1-20-2-5-1		28 Buck	1572	
5348	"	9/10	56 28		

Date		Plant hgt. (in.)	Jodine	Bulked
1st Head	Full Ripe		56 57	
B5233A1-20	2-5, 3	B455A1-25	CI 9278 28	x T.P. 5349
5723				
L	" 9/10	-4,	50 28 27	5350 Hr
L	"	-5,	28	Pan 9/17 5351
L	"	-6,	28	5352
B5233A1-20-1-1-1	2-1-1-1	B455A1-25	CI 9278 28	x T.P. 5353
801	See			
L	See	-2,	28	5354
L	9/10	-3,	28	5355
L	9/10	-4,	28 42 19	5356 Hr Pan 9/17

most A1-20 lines are C p. h. & of later, slow

	Date		Plant hgt. (in.)	Iodine	
	1st Head	Full Ripe			
5357	B5233A1-20-1-1-5, 9/10		B455A1-25 X T.F.	56 57 28	48

5358		-6,		28	L
------	--	-----	--	----	---

5359	B5233A1-20-1-2-1, 9/10			22 11 53 24	48
------	------------------------	--	--	-------------	----

Non
Pan 9/17

5360	CP-231 7/24				
------	-------------	--	--	--	--

5361	B5233A1-20-1-2-2, 9/10			22	48
------	------------------------	--	--	----	----

5362		-3, 9/10		22	L
------	--	----------	--	----	---

5363	B5233A1-20-1-5-1, 9/10			20 11 22 Bulk	48
------	------------------------	--	--	---------------	----

5364		-2, 9/10		20 22 Bulk 20 Single	48
------	--	----------	--	----------------------	----

Non
Pan 9/17

leaf drying

1st Head	Date		Plant hgt. (in.)	Iodine	Bulk
	Full ripe				
B5233A1-20-1-3-3	9/10		56	57 20 <u>58</u> 22	5365

less C than others & green leaves.

			-4	20 <u>22</u>	5366
--	--	--	----	-----------------	------

			-5	20 <u>22</u>	5367
--	--	--	----	-----------------	------

			-6	20 <u>22</u>	5368
--	--	--	----	-----------------	------

B5233A1-20-2-4-1	8/10		26	29 Bulk	5369
------------------	------	--	----	---------	------

	9/10		-2	26 37 29 Bulk 34 Single	5370
--	------	--	----	----------------------------------	------

	9/10		-3	26 60	5371
--	------	--	----	----------	------

			-4	26	5372
--	--	--	----	----	------

Date	
1st Head	Full Rice

Plant hgt. (in.)

Iodine CT9278
~~56~~ 57 A...
~~B455A1-25 X T.F.~~
~~26~~ 29 481

5373

Bulhead

B5233A1-20-2-4-5,

5374

-6,

26
29

L

5375

B5233A1-20-2-5-1,

26 21 Bulch #481

5376

-2,

26
31

L

5377

-3,

26
31

L

5378

B5233A1-20-3-4-1,

Segn

26 481

5379

-2,

9/10

26
56
35

L

Mr

Pan 9/17

5380

B4512 A1-32

9/14

Date		Plant	Iodine		
1st Head	Full Ripe	hgt. (in.)			
135233	9/1-20-3-4-3	3453	54 57	CI 9278	T.P.
16.	hgr	24			5381

4	hgr	-4, 26			5382
---	-----	--------	--	--	------

4	9/10	-5, 26	59		5383
			37		hgr

4	hgr	-6, 26		Pan 9/17	5384
---	-----	--------	--	----------	------

A1-32 are v good Petiole types, earlier than B5-233A1-32-2-1, v good short ht, 3g

Date	
1st Head	Full Pine

Plant hgt. (in.)

Iodine

5401

B5-233A1-32-2-1

9/5

41

41

30 Bulk

Pan 9/18

5402

9/5

-2,

41

59
80

Pan 9/18

5403

9/5

-3,

41

59
30 Bulk
30 Single

Mr 9/18

Pan 9/18

Shorter ht than others

5404

9/5

-4,

41

65 Bulk
29 Single

Mr 9/18

Pan 9/18

Shorter ht than others

5405

-5,

41

30

5406

-6,

41

30 ✓

5407

B5-233A1-32-2-1

9/5

26

65
36 Bulk

Pan 9/18

5408

9/5

-2,

26

64
36 Bulk

Pan 9/18

Taller than 5407

Small shorted plants with drooping flags
all (all)

89

	Date		Plant hgt. (in.)	Iodine	Bulk	T.P.
	1st Head	Full Ripe				
825	B5233A1-	32-2-2-3,	9/5	56/57 8453A1 25 X 26 31 36 Bulk	5409	
826			9/5	-4, 26 59 36 Bulk 34 Bulk Single	5410	Nov 9/18
827			9/5	-5, 26 59 36 Bulk 29 Bulk Single	5411	Nov 9/18
828			9/5	-6, 26 36	5412	
829	B5233A1-	32-2-5-1,	9/5	27 64 31 Single 39 Bulk	5413	Nov 9/18
830			9/5	-2, 27 39	5414	
831			9/5	-3, 27 68 36 Single 39 Bulk	5415	Nov 9/18
832			9/5	-4, 27 39	5416	

Bulked

Bulk
 5417
 (Nt 9/18)
 Pan 9/18
 5418

Date		Plant hgt. (in.)
1st Hand	Full Ripe	

Iodine
 56 57
 27 57
 28 Single
 39 Bulk
 482

B5-233A1-32-2-5-5,
 9/5

-6,

27 39

B5-233A1-36-5-5-1,

Bbt 50
 9/12

48

B5-233A1-36-5-5-2,

B5-233A1-36-1-9-1,

9/10

57 32

-2,

B5-233A1-36-1-11-1,

11

	Date		Plant hgt. (in.)	Iodine		
	1st Head	Full Ripe				
8769	B5233A1-36-1-11-2,	9/10	11-2,	56.57 59 34	619278 X T.P.	5425 Hr 9/19 Pan 9/18
8773	B5233A1-36-1-15-1,			11		5426
L		9/10	-2,	61		5427 Pan 9/18
8777I	B5233A1-36-1-19-1,			32 bulk		5428
L			-2,	32		5429
8777II			-3,	32		5430
L			-4,	32		5431
4838	B5233A1-36-1-1-1,	9/10		23 50 26	11	5432 Hr 9/19 Pan 9/18

	Date		Plant hgt. (in.)	Jodine	
	1st Head	Full Ripe			
5433	B5-233A1-36-1-1-2, 9/10		21	56 57 23	483
5434	B5-233A1-36-2-1-1, 9/10		21	57 27	48
5435	-2, 9/10		21		L
5436	B5-233A1-36-2-2-1, 9/10		25		48
5437	-2, 9/10		25	53	L
5438	B5-233A1-36-2-4-1, 9/10		21	54 28	48
5439	-2, 9/10		21		L
5440	CP-231 7/23				

	Date		Plant hgt. (in.)	Iodine		
	1st Seed	Full Ripe		56	57	
4853	B5233A1-36-3	-2-1,		<u>23</u>	57	5441
					9278	
					B455A1-25 X T.P	
C		-2,		<u>23</u>		5442
4862	B5233A1-39-2-3-1,	9/12		<u>18</u>	65	5443
					26	Hv 9/18
	weight,					Pan 9/18
✓		9/8 -2,		<u>18</u>	50	5444
						Pan 9/18
4865	B5233A1-41-1-3-1,			<u>28</u>		5445
✓		-2,		<u>28</u>		5446
✓		9/5 -3,		<u>28</u>	72	5447
					32	Hv 9/18
	Like 5448					Pan 9/18
✓		9/5 -4,		<u>28</u>	68	5448
					33	Hv 9/18
	valent hit, consid leaf dislocation, good					Pan 9/18

	Date		Plant hgt. (cm.)	Iodine	
	1st Week	Full Edge			
5449	BS-233A1-41-13-5, 9/5		9278	56 57 28 76	486
Pan 9/18					
5450	-6,			28	L
5451	BS-233A1-44-3-1,			11	48;
5452	-2, 9/10			65	L
Pan 9/18 Sl shorter lit than BS-50, gold, good,					
5453	-3,			30 Bulk	L
5454	-4, 9/7			68 22 Single 30 Bulk	L
Pan 9/18 Shorter lit than sister rows, v good					
5455	-5,			30 Bulk	L
5456	-6,			30 Bulk	L

all A1-56 lines are much alike,

Bulk	Date		Plant hgt. (In.)	Iodine	
	1st Hand	Full Ripe			
5465	B5-233A1-56-4-2-2		9/7	56/57	490
(No 9/18)				23	
Pan 9/18				49	
				25 Blk	
				29 Single	
5466			-3,	23	L
				25 Blk	
5467	B5-233A1-56-4-3-1,			11	490
				21	
				25 Blk	
5468			-2,	21	L
(No 9/18)		9/10		47	
9/18				25 Blk	
5469			-3,	21	L
5470	B5-233A1-56-4-4-1,		9/10	17	490
(No 9/18)				47	
				23	
5471			-2,	17	L
(No 9/18)		9/10		47	
				21	
5472			-3,	17	L
(No 9/18)		9/10		47	
				23	

all taller than others but
no taller than BPT 50 up on tall
V. good

	Date		Plant hgt. (in.)	Iodine		
	1st Head	Full Ripe				
4906	B5-233A1-56-4-4-4,	9/10		56 57	59278	5473
				17	57	5473
					27	Pan 9/18
L		9/10	-5,	17	45	5474
					22	5474
						Pan 9/18
L		9/10	-6,	17	49	5475
					23	5475
						Pan 9/18
4907	B5-233A1-56-4-5-1,	9/10		16	52	5476
					24	5476
						Pan 9/18
L		9/10	-2,	16	52	5477
					23	5477
						Pan 9/18
L		9/10	-3,	16	55	5478
					25	5478
						Pan 9/18
L		9/10	-4,	16	67	5479
					29	5479
						Pan 9/18
B5-50					57	5480
					30	5480
						Pan 9/18

Shorter than B5-50, probably earlier,
✓ good

	Date		Plant hgt. (in.)	Iodine	
	1st Feed	Full Ripe			
5481	B5233A1-56-4-5-5,		9/10	36	49
Dr 9/10				57	
Jan 9/10			9/10	16	
				58	
			9/10	25	
5482			9/10	-6,	
Dr 9/10				16	
Jan 9/10			9/10	27	
				27	
5483	B5233A1-65-2-3-1,		9/10	24	49
1				56	
Jan 9/10	gold		9/10	30 Blk	
5484			9/10	-2,	
				24	
			9/10	30 Blk	
	gold				

Down April 24 (5501 to 6184) 94

	Date		Plant hgt. (in.)	Iodine		
	1st Bead	Full Ripe				
4915	B5233 4915	91-65-2-3-3	9/10	56/57 24/51	CI 9278 54/55/23	x T.P. 5501 Pan 7/18
4929	B5233 4929	91-68-4-1-1	9/10	18/55 23 Blk	11 29 Single	5502 No Pan 9/18
4			9/10	18/56 23 Blk	30 Single	5503 No Pan 9/18
4			9/10	18/54 23 Blk		5504 Pan 9/18
4			9/10	18/56 23 Blk		5505 Pan 9/18
4			9/10	18/56 23 Blk		5506 Pan 9/18
4			9/10	18/60 23 Blk		5507 Pan 9/18
4930	B5233 4930	91-68-4-2-1	9/10	21		5508

gold, taller than 5502 et al. but not as tall as 5501

all look alike, shorter than 5502, 5503, 5504

	Date		Plant hgt. (in.)	Jodine		
	1st Food	Full Ripe		56	57	
5509	B5233A1-68-4-2-2, 9/28			21	57	493
5510	9/28		-3,	21		L
5511	9/28		-4,	21		L
5512	9/28		-5,	21		L
5513	9/28		-6,	21		L
5514	B5233A1-70-1-3-1, 9/14			23	49	499
5515	9/14		-2,	23	50 30	L
5516	9/14		-3,	23	54 29	L

Pan 9/18
 green cherry
 gold, Blt made, V good

	Date		Plant hgt. (in.)	Iodine		
	1st Head	Full Ripe				
1935	B5-233A1-70-1-3-4,	9/14	-5,	56 57 23 54 24	59278 X T.P.	5517 ✓ No 9/18 Pan 9/18
C		9/14	-5,	23 53 29		5518 ✓
-C		9/14	-6,	23 52 24		5519 ✓ No 9/18 Pan 9/18
	CP-231 T/25 8/30					5520 ✓ Pan 9/18
4942	B5-233A1-73-1-5-1			23		5521 ✓
C		9/13	-2,	23 51		5522 ✓
	This good uniform mat. rather tall gold hulls.					Pan 9/18
C			-3,	23		5523 ✓
C			-4,	23		5524 ✓

Deep, mat & too tall T.P. than type

	Date		Plant hgt. (in.)	Baseline	
	1st Head	Full Ripe			
5525	B5233A1-73-1-5-5, B455A1-26			56.57 23	X.T.P. 494
5526	-6,			23	L
5527	B5233A1-73-4-4-1, 9/10			26 52	494
5528	-2, 9/10			26 48 25	L
5529	-3, 9/10			26 48 25	L
5530	-4, 9/10			26 48 27	L
5531	-5, 9/10			26 51 29	L
5532	-6, 9/10			26 28 51	L

Pan 9/18
Nov 9/18
Pan 9/18
Nov 9/18
Pan 9/18
Nov 9/18
Pan 9/18
Nov 9/18
Pan 9/18
Nov 9/18

very little C.O. One of very
study, rather
field laboratory
head for

	Date		Plant hgt. (in.)	Iodine		
	1st Head	Full Ripe				
<i>except</i> <i>5533</i> <i>family (5533)</i> <i>to A1-73</i> <i>divided, to A1-73</i> <i>sl. taller, good</i>						
B5233A1-74-1-3-1,		9/10		56 57 30	CT 9278 x T.P.	5533
		9/10	-2,	30 32 33		5534 Do 9/10
		9/10	-3,	30 32 24		5535 Nu 9/10
		9/10	-4,	30		5536
		9/10	-5,	30 39		5537 Pan 9/10
		9/10	-6,	30 36		5538 Pan 9/10
B5233A1-74-2-2-1,				32		5539
B4512A1-82		7/24				5540

	Date		Plant hgt. (in.)	Iodine	
	1st Head	Full Ripe			
5541	BS233A1-74-2-2-2, BS455A1-25X T.P		9/15	56 57 32	495
5542			9/15	-3, 32 43	L
(Pan 9/18?) 5543			9/15	-4, 32	L
5544			9/15	-5, 32 33	L
(Pan 9/17) 5545			9/15	-6, 32	L
5546	BS233A1-74-2-4-1,			27 11	495
5547			9/12	-2, 27 36 30	L
(Pan 9/18) 5548				-3, 27	L

	Date		Plant hgt. (in.)	Iodine		
	1st Head	Full Rise				
4955	B5-233A1-74-2-4-4,	9/12	-5,	56 57 <u>27</u> 33	GI 9278 25 X T.P.	5549 Pan 9/18
<		9/12	-5,	<u>27</u> 37 28		5550 HV Pan 9/18
<			-6,	<u>27</u>		5551 Pan 9/18
4956	B5 233A1-74-3-1-1,	9/12	-2,	<u>22</u> 37		5552 Pan 9/18
<			-2,	<u>22</u>		5553 Pan 9/18
<			-3,	<u>22</u>		5554
<		9/12	-4,	<u>22</u> 49 28		5555 HV Pan 9/18
<			-5,	<u>22</u>		5556

Stems bulge, stony, det. but good

A1-74 and possibly other families show a few grains in which the hulls are all open on sides of grain. This is highly undesirable.

	Date		Plant hgt. (in.)	Iodine	
	1st Seed	Full Ripe			
5557	B5233 A1-74-3-4-1, 9/12		4-1	56/57 26	495
5558	Pan 9/18		-2, 9/12	26/54	L
5559	Pan 9/18		-3, 9/12	26/59	L
5560	Pan 9/18		BbT 50 9/12	49/29	
5561	Pan 9/18		B5233 A1-74-3-4-4,	26/11	495
5562	Pan 9/18		-5, 9/12	26/49 29	L
5563	Pan 9/18		-6,	26/57	L
5564	Pan 9/18		-7,	26	L

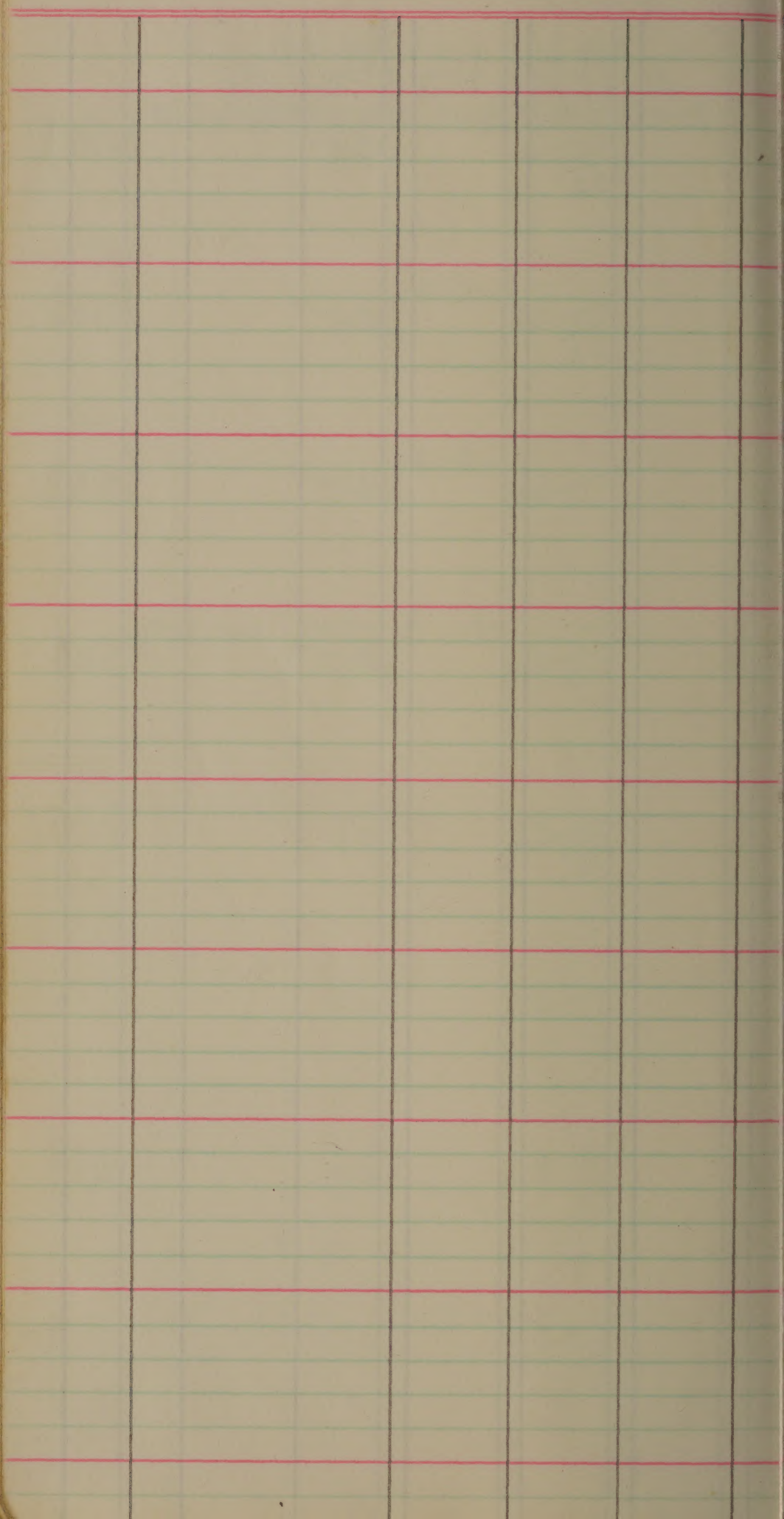
Sign hull color

	Date		Plant hgt. (in.)	Iodine		
	1st Head	Full Ripe				
4961	B5233A1-74-3-5-1,			56 57 24	5565	
<	seg hull color		-2,	24	5566	
<	gold hull		-3,	24	5567	
<	gold		-4,	24 28	5568	No
<	show hulls check acct (open hulls on sides)		-5,	24	5569	Par 9/18
	segv hulls					
4963	B5233A1-74-3-7-1,			21 11	5570	
<			-2,	21	5571	
<			-3,	21	5572	

	Date		Plant hgt. (in.)	Iodine	
	1st Seed	Full Rice			
5573 Hr	B5233A1-74-3-7-4, 9/12			56 57 CI 9278 21 29	496
Pan 9/18 5574 Hr	9/12 -5,			21 50 30	L
Pan 9/18 5575	9/12 -6,			21	L
5576	B5233A1-74-5-3-1, 9/12			29 55	496
Pan 9/18 5577 Hr	9/12 -2,			29 82 31	L
Pan 9/18 5578	9/12 -3,			29	L
5579	9/12 -4,			29	L
5580	CP-231 7/25 9/1			97	
Pan 9/18					

	Date		Plant hgt.	Iodine	
	1st Head	F			
4966	B5-233A1-74-5-3-5,			56 <u>57</u> 29	5581
✓			-6,	<u>29</u>	5582
✓			-7,	<u>29</u>	5583
✓			-8,	<u>29</u>	5584

~~57~~ 9278
~~B5-233A1-25~~ x T.P.



4925 & 4926 for fresh mrs. V. manow
 lines. Cross with manow by c p mutant

4371
 4372
 4444
 4445
 4451
 4469
 4471
 4472
 4514
 4537
 4538
 4539
 4543
 4554
 4557
 4562
 4568
 4570
 4576
 4579
 4602
 4603

5251✓
 5253✓
 5256✓
 5259✓
 5263✓
 5266✓
 5277✓
 5303✓
 5321✓
 5332✓
 5335✓
 5345✓
 5348✓
 5350✓
 5356✓
 5359✓
 5364✓
 5370✓
 5379✓
 5383✓

80
 8½ 6
 88.5
 8
 70.80

4669
 4670
 4677

4851
 5025
 5032

5131
 5177
 5178
 5179
 5226
 5233
 5235
 5240
 5244

FC-6
(1-55)

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
Field Crops Research Branch

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SAMPLE PAGE

VARIETAL TEST OF OATS, 1908

CONDITIONS OF EXPERIMENT

PLOT

Location.....Field H.
Size.....1/20 acre.

SOIL

Kind.....Prairie loam.
Position.....Somewhat rolling.
Previous crop.....Corn.

NAME AND CONDITION OF MACHINERY

Plow.....
Disk.....Osborn.....Sharp.
Harrow.....U Bar.....Good.
Seeder.....Monitor.....Good.

SEED

Variety.....Variable.
Weight per bushel.....Variable.
Source.....Variable.
Treatment.....Fanned clean and treated for smut.

SEED BED

Preparation:

1. Disked (lapped half).....4-6-'08.
2. Disked (lapped half).....4-10-'08.
3. Harrowed.....4-10-'08.
4. Harrowed.....4-27-'08.
5. Seeded.....4-27-'08.
6. Harrowed.....4-27-'08.

SEEDING

Manner.....Drilled.
Date.....4-27-'08.
Rate.....3 bushels per acre by weight.

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

	Date		Plant hgt. (in.)	Iodine	
	1st Head	Full Ripe			
5601 Dr Pan 9/19	B5233A1-74-5-39, 9/12		B455A1-25 x T.P. CI - 9278	56 57 29 56 27	4966
5602		-10,		29	✓
5603		-11,		29	✓
5604 Pan 9/19	B5233A1-77-1-2-1, 9/12			11 18 69	4969
5605		-2,		18	✓
5606		-3,		18	✓
5607		-4,		18	✓
5608		-5,		18	✓

	Date		Plant hgt. (in.)	Iodine	
	1st Head	Full Ripe			
969	B5233A1-77-1-2-6,	9/12	56	57	9278 18 63 5608
973	B5233A1-77-2-4-1,	9/12	22	66	Pan 9/18 5610
✓	2,		22		Pan 9/18 5611
✓	-3,		22		5612
✓	-4,		22	37	5613 Pan
✓	-5,		22		5614
✓	-6,		22		5615
975	B5233A1-78-1-2-1,		37	11	5616

	Date		Plant hgt. (in.)	Iodine	
	1st Head	Fall Ripe			
5617	B5233A1-78-1-2-2, B455A1-25 x T.P.			56 57 27	4975
5618	-3,			27	✓
5619	-4,			27	✓
5620	B4512A1-32 7/14				
5621	B5233A1-78-1-2-5,			27 "	4975
5622	-6,			27	✓
5623	-7,			27	✓
5624	B5233A1-89-1-1-1,			24 " 34 back	4977

	Date		Plant hgt. (in.)	Jodine		
	1st Head	Full Ripe				
977	B5233A1-89-1-1-2	9/10		56 57 92 78	Bulked	5625
				34 #9 31 Single 34 Blk	Mr	Pan 9/19
			-3,	24 34 Blk		5626
			-4,	24 34 Blk		5627
				A 52 34 Blk B 62		Pan 9/19
			-5,	24 34 Blk 33 Single		5628
			-6,	24 34 Blk		5629
				29 32 Blk		5630
			-2,	29 32 Blk		5631
			-3,	29 32 Blk		5632

977
Vehet ht, gold buds, V good

981
B5233A1-89-1-4-1,

sl taller than 5624, gold buds

Bulk B5233A1-89 into -1, -2,

	Date		Plant hgt. (in.)	Line <u>56</u> <u>57</u>	
	1st Head	Full Ripe			
5633 No Pan 9/19		9/10		<u>29</u> 50 35	9278 4981
5634		-5,		<u>29</u>	✓
5635		-6,		<u>29</u>	✓
5636				<u>38</u> 50 35 Blk	4984
5637 No Pan 9/19		-2, 9/10		<u>38</u> 50 35 Blk. 33 Single	✓
5638 Pan 9/19		-3, 9/10		<u>38</u> 45 35 Blk	✓
5639 Pan 9/19		-4, 9/10		<u>38</u> 50 35 Blk	✓
5640 No Pan 9/19				<u>35</u> 33	

B5233A1-89-1-4-4, B453A1-28 X T.P.

B5233A1-89-2-1-1,

Like 5630 et al lines, 1/10

Bbt 50.

- 4d - 5 bulks

3

	Date		Plant hgt. (in.)	Iodine	Bulk
	1st Head	Full Ripe			
984	B5-233A1-89-2-1-5,			56/59C I ₉₂₇₈ 38 35 Blk	5641
		-6, 9/10		38/50	5642
003	B5-233A1-89-2-3-1,			30/29 Blk	5643
		-2,		30/29 Blk	5644
		-3, 9/10		30/44 32	5645
		-4,		30/29 Blk	5646
		-5,		30/29 Blk	5647
		-6,		30/30 29 Blk	5648

A1-89 has one of the very best Patina grain types, less hull splitting or dividing on sides of grains.

	Date		Plant hgt. (in.)	Iodine	
	1st Head	Full Ripe			
5649	B5233A1-89-2-4-1, 9/10		B455A1-25 x T.P. 25	56/57 48 30 Blk	5004
Pan 9/19					
5650		-2, 9/10		25 58 33 Single 30 Blk	L
Nv					
Pan 9/19					
5651		-3, 9/10		25 30 Blk	L
Nv					
Pan 9/19					
5652		-4, 9/10		25 30 Blk	L
Bulked					
5653		-5, 9/10		25 30 Blk	L
Pan 9/19					
5654		-6, 9/10		25 30 Blk	L
Pan 9/19					
5655	B5233A1-89-42-1, 9/10			11 29 42 33 Single	5013I
Nv					
Pan 9/19					
5656		-2, 9/10		29 31 Blk	L
Bulked					

	Date		Plant hgt. (in.)	Iodine	
	1st Head	Full Ripe			
5013I	B5233A1-89-4-2-3,	9/10		56 57	Subd 5657 P.
				29 31 Blk	
✓		9/10	-4,	29 45 31 Blk	Pan 9/19 5658
✓		9/10	-5,	29 31 Blk	Pan 9/19 5659
	CP-231	7/23 9/1		91	5660
5013I	B5233A1-89-4-2-6,			29 56 31 Blk	Pan 9/19 5661 Pan
5015	B5233A1-89-4-4-1,	9/10		32 53 32	5662 Ho
✓			-2,	32 53 35 Blk	Pan 9/19 5663 Pan
✓			-3,	32 35 Blk	5664

	Date		Plant hgt. (in.)	Iodine	
	1st Seed	Full Ripe			
Bulked				56 57	9578
5665	B5233A1-89-4-4-4, B455A1-35x T.P.			32 55 35 alk	5015
Pan 9/19					
5666		-5,		32 55 35 alk	L
5667		-6,		32 55 35 alk	L
Pan					
a very good seed					
5668	B5233A1-89-4-5-1,			27 33 33 alk	5016
5669		-2,		27 46 33 alk	L
Pan					
5670		-3,		27 30 30 Single	L
No					
Pan 9/19					
5671		-4,		27 40 32 Single	L
No					
Pan 9/19	a very dry row, more erect flag than other rows (Sand mon. creek)				
5672		-5,		27 33 33 alk	L
Bulked					

	Date		Plant	Jodine	
	1st Head	Full Ripe	hgt. (in.)		
1016	B5233A1-89-4-5-6,			56/57 0.9278 27 33 Blk	5673
119	B5233A1-89-5-3-1,			34 42 Blk	5674
✓		-2,		34 43 Blk	5675
✓		-3,		34 43 Blk	5676
✓	9/10	-4,		34 58 38 Single	5677 Hr
This row may be earlier than others					
✓		-5,		34 43 Blk	5678
✓	9/10	-6,		34 44 43 Blk	5679
B4512A1-32 7/14					5680

A1-92 family, is not like the better families, possibly not as desirable, also split here

	Date		Plant hgt. (in.)	Jodine	
	1st Head	Full Ripe			
5681	B5233A1-92-2-1-1, -B455A1-25 XT.P.			56 57	C.I. 9278 5025
5682		-2,		29	L
5683		-3,		29	L
5684		-4,		29 45	L
Pan					
3012					
3012					
3012					
3012					

A1-96 is a show-billed Bt 50 type, Resembling
 pet 50 in many respects but definitely shorter ft. wide 6
 canes like pet 50 has CO + less has chlorination than many
 families of this cross.

	Date		Plant hgt. (in.)	Iodine	
	1st Head	Full Ripe			
025	B5-233A1-92-2-1-5,	9/16		56 57 9278 B455A1-25 X T.P. 29 24 24	5701 Pan 9/19 Hr 9/20
<		-6,		29	5702
028	B5-233A1-96-H-1,			20 32 25	5703 Pan 9/20 Hr 9/20
<		-2,		20 32 32 A 32 B 30	5704 Hr 9/20 Pan 9/19
<		-3,		20 34 23	5705 Pan 9/20 Hr 9/20
<		-4,		20 32 18	5706 Pan 9/20 Hr 9/20
<		-5, 51		20 30 30	5707 dise Taller than others. Pan
<		-6, 52		20 32 23	5708 Hr 9/20 Pan 9/20

A1-96 in field plots in 1957

Date		Plant hgt. (in)
1st Seed	Full Ripe	

Iodine
56 57 278

5709

B5233A1-96-2-2-1, B455A1-25 x T.P.

5032

Par 9/20
Hr 9/20

~~41~~
21

5710

-2,

Par 9/20
Hr 9/20

~~39~~
23

L

5711

-3,

Par 9/20
Hr 9/20

~~35~~
19

L

5712

-4,

Par 9/20
Hr 9/20

~~38~~
22

L

5713

-5,

Par 9/20
Hr 9/20

~~37~~
26

L

5714

-6,

Par 9/20
Hr 9/20

~~38~~
23

L

5715

B5233A1-96-2-4-1,

19 ~~37~~
24

5034

Par 9/20
Hr 9/20

5716

-2,

Par 9/20
Hr 9/20

19 ~~37~~
26

L

	Date		Plant hgt. (in.)	Iodine		
	1st Elood	Full Ripe				
534	B5233A1-96-2-4-3,			56 57 CF9278 B45501-20 x T.P. 19 30 25		5717 Pan 9/20 Hr 9/20
<			-4,	19 32 23	✓	5718 Pan 9/20 Hr 9/20
<			-5,	19 32 26		5719 Pan 9/20 Hr 9/20
	Bb#50.			34 33		5720 Pan 9/20 Hr 9/20
034	B5233A1-96-2-4-6,			19 35 25	✓	5721 Pan 9/20 Hr 9/20
035	B5233A1-96-3-1-1,			28 50 32		5722 disc Taller than others Hr 9/20 Pan 9/20
<			-2,	28 44 36		5723 Pan 9/20 Hr 9/20
<			-3,	28 47 28		5724 Pan 9/20 Hr 9/20

Pan Sand from all A-96 rows on 9/20 & Hr

	Date		Plant hgt. (in)	Indices	
	1st Head	Full Ripe			
5725	B5233A1-96-3-1-4, B555A1-25 x T.P.			56 / 57 38 / 58 34	5035
	Pan 9/20 Hr 9/20				
5726	-5,			28 / 47 35	✓
	Pan 9/20 Hr 9/20				
5727	-6,			28 / 52 32	✓
	Pan 9/20 Hr 9/20				
5728	B5233A1-96-3-31,			23 / 58 28	5037
	Pan 9/20 Hr 9/20				
5729	-2,			23 / 39 28	✓
	Pan 9/20 Hr 9/20				
5730	-3,			23 / 52 28	✓
	Pan 9/30 Hr 9/20				
5731	-4,			23 / 29 24	✓
	Pan 9/20 Hr 8/20				
5732	-5,			23 / 38 24	✓
	Pan 9/20 Hr 9/20				

	Date		Plant hgt. (in.)	Lat/Long	Notes	ID
	1st Head	Full Ripe				
5037	B5233A1-96-3-3-6,		56	57	9278	5733
			23	24		
5041	B5233A1-99-2-3-1,		21			5734
			-2,	21	30	5735
				23		
			-3,	21		5736
5043	B5233A1-10H-2-1,		27	32		5737
				25		
			-2,	27		5738
			-3,	27	36	5739
						5740

	Date		Plant hgt. (cm)	Iodine	
	1st Head	Full Ripe			
5741	B5233A1-101-1-31, B455A1-25			56/57, 27P 23	X T.P. 5044
5742		-2, 9/10		23 46 32	L
5743		-3, 9/10		23 29 30	L
5744	B5233A1-89-1-2, ^{CD9278} B455A1-25			37 36	15727 X T.P.
5745	" "		-2,	52	L
5746	" "		-3,		L
5747	" "		-4,		L
5748	" "		-5	46 37	L

No
Pan 9/20

No
Pan 9/20

No
Pan 9/20

quicker straw than others

Pan 9/20

Date		Plant hgt. (in.)	T.P.	
1st Head	Full Ripe			
B5233A1-89-1-2,	B455A1-23	38	5749	
5727				
B508A2-100-3-1-1,	BAC X	HD-10	5750	
5753-1				
- 2	"		5751	
- 3	"		5752	
B508A2-100-3-1-2,		"	5753	
5754-1				
- 2	"		5754	
- 3	"		5755	
B508A2-100-3-1-3,		"	5756	
5755				

	Date		Plant hgt. (in)			
	1st Head	Full Ripe				
5757	B508A2-100-3-1-3,		But X	HO-10		15755
5758	"					✓
5759	B508A2-100-3-2-3,		"			15760
5760	B4512A1-32 7/13					
5761	B508A2-100-3-2-3,		BLE X	HO-10		15760
5762	"					✓
5763	B508A2-100-3-2-4,		"			15761
5764	"					✓

	Date		Plant hgt. (in.)			
	1st Seed	Full Ripe				
5761	B508A2-100-3-2-4,	Blt X HD-10				5765
762	B508A2-100-3-2-5	"				5766
L	"					5767
L	"					5768
5772	B502A2-46-1-1-1,	Blt X CP231				5769
L	"					5770
L	"					5771
L	"					5772

Too tall

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
5773	B502A2-60-1-2,		Bbt x CP231			15781-1
5774	"	yellow yield more				-2
5775	"					-3
5776	B502A2-60-1-2,		"		15782-1	
5777	"	slat bet, like				-2
5778	"					-3
5779	B502A3-61-3-21,		Bbt x CP231			15815-1
	7/24					
5780	Bbt 50.					

Shad bet, like

	Date		Plant hgt. (in.)				
	1st Head	Full Ripe					
13502A 3-61-3-2-1, BLT X CP 231							5781
5815-2							
7/24							
7/24		11					5782
-3							
7/24		11					5783
-4							
-5 7/23		11					5784

	Date		Plant hgt. (in)			
	1st Head	Full Ripe				
5801	B502A3-61-3-2-1, 7/23	8/25	Blt x CP 231			15815-6
5802	B502A3-61-3-2-3, 7/24	8/25	"			MR 15817-1
5803	" 7/23	8/25				MR -2
5804	" 7/23	8/25	50		45 MS	-3
5805	" 7/24	8/25	52		52 MS	-4
5806	" 7/23	8/25	51		56 R	-5
5807	" 7/26	8/25			R	-6
5808	B502A3-61-3-2-5, 7/23		"			15819-1

off top dry
 are all, another lot and
 all 43-61 lines look alike. Show leaflets
 rather with flower, show inflorescence, good
 d. earlier than CP 231.

No 9/3
 Par 9/3

No 9/3
 Par 9/3

No 9/3
 Par 9/3

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
B502A3-61-3-2-5, Blt x CP231						
5817-2	7/24	8/25				5809
- 3	7/25	" 8/25		89		5810
- 4	7/23	" 8/25	50	53		5811
- 5	7/23	" 8/25	50	48		5812
- 6	7/24	" 8/25				5813
B502A3-61-3-2-6, "						
5821-1	7/24	8/25				5814
- 2	7/22	" 8/25		45		5815
- 3	7/22	" 8/25				5816

as after previous A3-67 seeds & families

Very good from hulls etc. as CP231

Par

Nov 9/3

Par 9/3

Nov 9/3

Par 9/3

Par 9/3

	Date		Plant hgt. (cm)	
	1st Head	Full Ripe		
5817	B502A3-61-3-2-6, B60 x CP 231		44	15821-4
	7/23	8/25		
Pan 9/3				
5818	"			-5
	7/24	8/25		
5819	"			-6
	7/24	8/25		
5820	CP-231			
	7/23	8/29		
Pan 9/3				
5821	B502A2-98-7-2-2-1,		11	15853-1
5822	"		-2,	-2
5823	"		-3,	-3
5824	"		-4,	-4
			25	
hr				
Pan 9/24				

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
B502A2-98-7-2-2, 853-5				BAC X CP 231	5825
-6		11			5826
B502A2-156-9-1-1, 859-1				11	5827
-2	11			$\frac{17}{18}$	5828
				R to str Hd Adv	Pan 9/14 Hv
-3	11				5829
-4	11				5830
-5	11				5831
-6	11				5832

Prob. pl. later than others but no later than plot 50
 11 green leaves on 9/24, v sturdy stem.

5833

B502A3-28-7-2-3, But X CP 231
9/2 15866-1

5834

" 7/2 50 - 2

Pan 9/3

5835

" 9/2 54 42 - 3
Hr 9/3 Tall row

Pan 9/3 1 good grain type, gold hulls,

5836

" 9/2 - 4

5837

" 9/2 - 5

5838

" 9/2 - 6

5839

B502A3-139-7-14, 11 15878-1

5840

34512A1-32
9/14

Date		Plant
1st Head	Full Ripe	hgt. (in.)

B502A3-139-7-1-4,
15878-2

Blt X CP231

5841

"

-3

5842

"

-4

5843

"

-5 7/25

5844

"

-6

5845

B502A3-139-7-1-6, Blt X CP231

881-1

5846

"

-2

5847

"

-3

5848

poor grain shape, seed

gold-bells Al later than

	Date		Plant hgt. (in.)	Indic		
	1st Good	Full Size				
5849	B502A3-139-7-1-6.		56/57	Blt X CP 231		15881-4
	7/23	8/26				
	gold hulls					
5850	straw hulls		26			-5
	Pan 9/24					
5851	straw hulls		29			-6
	Pan					
5852	B55-8351-		Blt 50	See.		16342-1
	Looks like A2-60 family					
5853	"					-2
5854	"		33			-3
	Pan 9/24					
5855	"					-4
5856	B501A1-26-9-2-2-1.		49	Blt X B433A2-6		5055
	9/4	9/4	19	30		
	Pan 9/3					
	Short bl. v good					
	much shorter bl than B5150					

	Date		Plant hgt. (in.)	Iodine	Ht Ht	
	1st Head	Full Ripe				
55	B501A1-26-9-2-2-2,	49	49	56 57	19 29	5857 9/3 Ht Pan 9/3
		Like 5856				
		-3,		19		5858
		-4,	and alike	19		5859
	Bbt 50.					5860
55	B501A1-26-9-2-2-5,	49	49	19 19	"	5861 Ht 9/3
		9/7				
	shorter ht than most					
	9/7 -6,50			19 21		5862 Ht 9/3
	Like 5861					
1-#	B55233A2-1, Rex x F.(Bbt50 x Rex)			MR 30 segs		5863 Ht
		-2,				Pan 9/24
-2				MR seg	"	5864

A2-8 = 3190 volume in F₁

	Date		Plant hgt. (cm)	J.H.H.	
	1st Elood	Full Btpe			
5865	F ₂ -B5523342-3, R x (BBT50-R)		Rex x F ₁ (BBT50 x Rex)	R	17/1-3
5866	Segr	-4,	"	R	-4
5867		-5,	<u>30</u>	R	-5
5868	Mr Pan 9/24	-6,	"	R	-6
5869	Segr	-7,	"	MR Segr	-7
5870		-8,	"	MR Segr	-8
5871		-9,	"	R	-9
5872	Segr	-10,	"	MS Segr	-10

A4 = 3290 volume in F1

Date		Plant hgt. (in.)	Str H		
1st Seed	Full Ripe				
F3, B55233A4-1, Rex F1 (BBT50 x Rex)					
7/12-1			MS Segr		5873
-2	Segr	-2,	" mR		5874
-3	Segr	-3,	" S		5875
-4		-4,	" S		5876
-5		-5,	" R		5877 Pan 9/24
-6		-6,	41 " S		5878 Pan 9/24
-7		-7,	37 " MS		5879 Pan 9/24
CP-231 7/23	9/1				5880

Date		Plant hgt. (in.)
1st Elood	Full Ripe	

str. Hd

5881

F₃-B55233A4-8, Rexx F₁(BBTsox Rex)

9/7, 54

87 MS 1712-8

9/3

no taller than BBT sp, v little taller than P.
Pan 9/3 may be seg for H, v good watch

5882

-9,

47 MR seg - 9

Pan 9/24

5883

-10,

MS seg - 10

5884

F₃ B55233A6-1,

85 S 1713-1

Pan 9/24

46 = 35% iodine in F₁

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
F ₃ -B55233A6-2, Rex. x F ₁ (BBT50 x Rex)						
7/3-2				50	MR	5901 Pan 9/24
segs, straw + gold						
-3			-3,	85	" MR	5902 Pan 9/24 Hr
all gold						
-4			-4,		" MR segs	5903
-5			-5,		" MS segs	5904
-6			-6,	88	" MS segs	5905 Hr
all gold, v good BBT Type						Pan 9/24
-7			-7,		" MR	5906
-8			-8,		" MS	5907
-9			-9,		" MS	5908

A/2 = 30% iodine in F₁

	Date		Plant hgt. (in.)		
	1st Seed	Full Ripe			
5909	F ₃ -B55233A6-10, <i>segr</i>		Rex, x F ₁ (BBTso x Rex.)	<i>Stu</i>	S? 1713-10 <i>late</i>
5910	F ₃ -B55233A12-1, <i>segr</i>		"	S	1717-1 S
5911	-2, <i>segr</i>		"	S	-2
5912	-3, <i>segr</i>		"	MS	-3
5913	-4,		"	MS	-4
5914	-5, <i>Do</i>		<u>28</u>	S	-5
Pan 7/24 shorter let than adj rows					
5915	-6, <i>segr</i>		"	MS	-6
5916	-7,		"	MS	-7

A14 = 30% volume in F₁

Date		Plant hgt. (in.)		
1st Head	Full Ripe			
F ₃ - B55233A12-8,	Rex. x F ₁ (BBT50 x Rex)			
7/7-8	segr	S		5917

F ₂ - B55233A14-1,	"			
7/8-1	segr	MS		5918

-2	-2,	"		
	46	MS		5919
		segr		Ha

Earlier than most H. shorts at Bad for CO Pan 9/19
 CF. 9/22 check
 B4512A1-32
 7/14

5920

F ₃ - B55233A14-3,	Rex. x F ₁ (BBT50 x Rex)			
7/8-3		MS		5921
		segr		

-4	-4,	"		
	46	MS		5922
		segr		

-5	-5,	"		
		S		5923
				Pan 9/22

-6	-6,	"		
		S		5924

A14 = 3090 iodine in F₁; A15 = 3390 iodine in F₁

	Date		Plant hgt. (in.)	Str. H ₂ O	
	1st Good	Full Ripe			
5925	F ₃ -B55233A14-7, <i>Seg</i>		Rex. x F ₁ (BBt50 x Rex.)	1718-7 <i>MS Seg</i>	
5926	-8,		"	MR	-8
5927	-9, <i>Seg. (1 lot fl)</i>		"	MR S	-9
5928	-10, <i>Seg</i>		"	MR <i>Seg</i>	-10
5929	F ₃ -B55233A15-1,		"	MS <i>Seg</i>	1719-1
5930	-2,		"	S	-2
5931	-3, <i>No</i>		" 50	S	-3
5932	-4,		"	B	-4

Jan 9/24

A17 = 31% iodine in F₁

	Date		Plant hgt. (in.)		
	1st Seed	Full Ripe			
	F ₃ -B55 233A17-2		Rex. x F ₁ (BBT50 x Rex)		
5941		4/5		19	MS 1720-2 Seg
Dr	✓ good plot				
Par 9/24 not taller than BBT50, looks like BBT50					
5942		-3, Segs		"	S -3
mostly late					
5943		-4, Segs		"	MS Segs -4
Segs					
5944		-5, Segs		"	MS Segs -5
5945		-6, Par		"	25 MS Segs -6
5946		-7, Par		"	27 MR -7
5947	Segs	-8, Segs		"	MS Segs -8
5948	Segs	-9, Segs		"	R -9

most R x BBT 50 - R seeds are no taller than
BBT 50. 1 good types, Watch

20

	Date		Plant hgt. (in.)	Stg Pr		
	1st Head	Full Ripe				
	F ₃ -B55233A17-10, Rex. x F ₁ (BBt50 x Rex)					5949
	1720-10 segs					MS. Seg
	BBt 50					R
	1722-1					5950
	BBt 50					
-2	22					MR
	shorter ht than others					Pan
	BBt 50					
-3						R
						5952
	BBt 50					
-4						R
						5953
	BBt 50					
-5	19					R
						5954
						Hor
						Pan 9/24
	BBt 50					
-6						R
						5955
	BBt 50					
-7						R
						5956

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
5957	BBT 50			R	1722-8
5958	BBT 50			R	-9
5959	BBT 50			R	-10
5960	CP-231 7/22				
5961	F3-B5517A1-1, 7/21 Paul 8/22		CP23/x F1 (CP23/x PI 182, 177) 89		1001
5962	-2, shorter lot 7/20 Paul 8/22		than CP23/ 93		✓
5963	-3, 7/19 Too late		"		✓
5964	-4, short at 7/20 Paul 8/22		" 93		✓

all 56-1001 release CP23 into good gram types

Date	1st Seed	Full Ripe	Plant hgt. (in.)	Fi		
F3-B5517A1-5, CP23/X (CP231-PI180, 177)	7/23			<u>97</u>		5965 Pan 8/22
	7/22	-6		<u>86</u>		5966 Pan 8/22
	7/21	-7		<u>88</u>		5967 Pan 8/22
		-8		<u>99</u>		5968 Pan 8/22
	7/22	-9		<u>99</u>		5969 Pan 8/22
	7/19	-10		<u>98</u>		5970 Pan 8/22
	7/15	-11		<u>98</u>		5971 Pan 8/22
	7/17	-12		<u>96</u>		5972 Pan 8/22

5972-5978 mach broke

No istene value for A1; A4 = 20% iodine in F,

	Date		Plant hgt. (in.)		
	1st Used	Full Ripe			
5973	7/21 Pan 8/22		CP23/100 94	F3-B5517A1-13, CP231xF1, (CP231xPI180, 177)	1001
5974	7/20 Pan 8/22	-14 8/24	On the 8/20	81	✓
5975	7/21 Pan 8/22	-15, 49 9/25	CP23/100 94	"	✓
1/10/13 an excellent CP231 row, CP hit mal & gold grain Adv. Exulgr. shape					
5976	7/17 Pan 9/24		CP23/100 96	F3-B5517A4-1,	1004
5977	7/17 Pan 9/24	-2,	CP23/100 95	"	✓
5978	7/16 Pan 9/24	-3,	70680 61	"	✓
5979	7/16	-4,	"	"	✓
5980	7/14			B4512A1-32 (C.F. 9/22)	ck

A8 = 1270 iodine in F₁

	Date		Plant hgt. (in.)			
	1st Seed	Full Ripe				
04	F ₂ -B5517A4-5, CP231 x F ₁ (CP231 x P.I. 180,177)					5981
	7/15					
08	F ₃ -B5517A8-1,					5982
	7/16			68	"	Pa 7/24
	7/16		-2,		"	5983
	7/14		-3,		"	5984

A8 = 12% iodine in F₁

	Date		Plant hgt. (cm)		
	Lot Hard	Full Ripe			
6001	F3-85517A8-4, CP231xF ₁ (CP231xPL-180, 177) 7/18 8/23 Pan 8/22		90		1008
6002	7/16	8/23 ⁻⁵	77		✓
	Pan 8/22				
6003	7/16	8/23 ⁻⁶	78		✓
	Pan 8/23				
6004	7/17	8/23 ⁻⁷	67		✓
	Pan 8/23				
6005	7/17	8/23 ⁻⁸	90 ⁹⁰ 90		✓
	Pan 8/23	Shorter & much sturdier than adj. Row			
6006	7/17	8/23 ⁻⁹	70 ⁵³ 53		✓
	Pan 9/24				
6007	7/16	8/23 ⁻¹⁰	70 ⁵⁸ 58		✓
	Pan 9/24				
6008	7/17	8/23 ⁻¹¹	70 ⁷⁴ 74		✓
	Pan 9/24				

Date		Plant hgt. (in.)		
1st Head	Full Ripe			
F3 - B5517A8-12, CP231x F, (CP231x P1.180,177)				
7/17		410-50	"	6009 Pan 9/24
7/17	-13,	92	"	6010 Pan 9/24
7/13	-14,	1058	"	6011 Pan 9/24
7/17		69	"	6012 Pan 8/23
7/17	-2,	80 A=69 B=70	"	6013 Pan 9/24
7/19	-3,	656	"	6014 Pan 9/23
7/18	-4,	64	"	6015 Pan 9/24
7/18	-5,	91	"	6016 Pan

and is better than other rows on 9/24

A15 = 8590 volume in F,

	Date		Plant hgt. (cm)		
	Lot Seed	Full Ripe			
6017	F3-B5517A15-1, CP231x F, (CP231x PE180, 177)				
HN 9/3	7/20	8/25	51	89	1015
	Pan 8/23, V long pan, good shape type st. taller than P231 V good Dark green leaf color				
6018	-2				
	7/20	8/25		89	✓
	Pan 8/23 Hard to thresh				
6019	-3				
	7/20	8/25		92	✓
	Pan 8/23				
6020	BBt 50				
					ck
6021	F3-B5517A15-4, CP231x F, (CP231x PE-180, 177)				
HN 9/3	7/19	8/25	48	90	1015
	V short ht. Pan 8/23 Hard to thresh				
6022	-5				
	7/20	8/23		92	✓
	Pan 8/22				
6023	F3-B5517A16 -1				
	7/20	8/25		94	1016
	Pan 8/23				
6024	-2				
	7/20			57	✓
	Pan 7/24				

A16 = 35% iodine in F₁ + A17 = 53%

Date		Plant hgt. (in.)		
1st Head	Full Ripe			
F3-B5517A16-3, CP231 x F ₁ (CP231 x PI-180, 177)				
016 7/21		72	"	6025 Pan 7/24
7/19	-4	91	"	6026 V short ht, poor gam shape Pan 8/23
7/21	-5,	72	"	6027 Pan 9/24
017 7/19		88	"	6028 Pan 9/24
7/19	-2,	77	"	6029 Pan 9/24
7/19	-3,	75	"	6030 good CP type, set taller than CP231 Pan 9/23 Standing fairly well on 9/24 good
	-4,	76	"	6031 Pan 9/24
7/19	-5,	82	"	6032 Standing on 9/24 v good Pan 7/24

	Date		Plant hgt. (in.)		
	1st Week	Full Bloss			
6033	F3-B5517A17-6, CP231x F1 (CP231x BF-180,177)			78	1017
	7/20				
Pan 9/24					
6034		-7,		"	✓
	7/22			79	
Pan 9/24					
6035		-8,		"	✓
	7/19	8/23		75	
Pan 9/23					
6036		-9,		"	✓
	7/22				
6037	F3-B5517A22-1,			"	1022
	7/20	8/22		77	
Pan 8/23					
6038		-2,		"	✓
	7/15				
6039	CP2	-3,		"	✓
	7/15				
6040	CP231,				ck
	7/22				

A22 = 32 70 volume in F,
 A26 = 81 90 " " "
 129 = 78 80 " " "

25

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
22	F3-B5517A22-4, CP231XF, CP231XPI-182,177 7/20		66	"	6041 Pan 9/24
-	7/15	-5,	83	"	6042 Pan 9/24
26	F3, B5517A26-1, 7/15		95	"	6043 Pan 9/24
-	7/19	-2,		"	6044
-	7/15	-3,	77	"	6045 Pan 9/24
-	7/14	-4,		"	6046
-	7/22	-5,		"	6047
29	F3, B5517A29-1, 7/21 Hard to thresh		92		6048 Pan 8/23

A 29 = 78 90 rodina in F1
 A 30 = 32 90 "
 A 33 = 23 90 "

	Date		Plant hgt. (cm)		
	1st flwr	Full bloss			
6049	F3-B5517A29-2, CP23/XF1 (CP23/XPI-180,177) 7/20				1029
6050	-3, 7/18		"		✓
6051	F3-B5517A30-4, 7/23 8/26 pan 8/23, v good CP23 type		$\frac{11}{68}$		1030
6052	-2, 7/22 8/26 pan 8/23 1/2 all the other adj rows		$\frac{11}{72}$		✓
6053	-3, 7/25 8/26 pan 8/23 1/2 taller than CP23		$\frac{11}{64}$		✓
6054	-4, 7/23 8/26 pan 8/23 1/2 shorter ht than CP23		$\frac{11}{94}$		✓
6055	-5, 7/21 8/26 pan 8/22 semi spreading cluster habit; not as erect as previous rows		$\frac{11}{55}$		✓
6056	-6, 7/21		"		✓

pan 8/23, 1/2 taller than CP23

	Date		Plant hgt. (in.)		
	1st Seed	Full Ripe			
F3-B5517A30-7, CP231 x F ₁ (CP231 x PI-180, 177)	7/25	8/26	51		6057
30				semi-erect or spreading culm habit.	Pan 8/23
	7/23	8/26	80	-8, erect culm habit	6058
					Pan 8/23
	7/25	8/26	68	-9, culm habit	6059
					Pan 8/23
B4512A1-32 (CI 9122)	7/14				6060
F3-B5517A30-10, CP231 x F ₁ (CP231 x PI-180, 177)	7/21		77		6061
30					Pan
F3-B5517A33-1,	7/22	8/26	93		6062
33				good CP231 plant type but rather tall	Pan 8/23
	7/20			-2,	6063
	7/15			-3,	6064

A34 = 3090 rodnei in F,

A36 = 7790 "

	Date		Plant hgt. (in)		
	1st Harv	Full Ripe			
6065	F3 - B5517A33 -4, CP231 x F, (CP231 x PI-180, 177) 7/19				1033
6066	F3 - B5517A34 -1, 7/20			"	1034
6067	7/20 -2, Some short ht Pan 8/23			" 95	✓
6068	7/22 -3, 9/23 short ht, v por grain shape			"	✓
6069	7/19 -4,			"	✓
6070	F3 - B5517A -5, 7/21			"	✓
6071	F3 - B5517A36 -1, 7/18 9/23 good CP grain type Pan 8/23 Pa 9/24			" A 94 B 93	1036
6072	7/18 -2,			"	✓

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
36	F ₂ -B5517A36-3, CP231 x F ₁ (CP231 x PI-184177)					6073
	7/18					
	7/19		-4,	"		6074
	7/14		-5,	"		6075
37	F ₂ -B5517A37-1,					6076
	7/19					
	7/19		-2,	"	93	6077
						Pan 9/24
	7/19		-3,	"	92	6078
						Pan 9/24
	7/20		-4, 44	"	993	6079
V short bit, excellent grain shape, refuse tillering, semispreading culm type. Pan 8/23						9/3 HK
BBt50,						Watch
						6080

A41 → 4170 rodent in 1-1
 A42 = 3770 "
 A43 = 7770 "

Date		Plant hgt (in)
1st Stage	Full Stage	

6081 F3-B5517A37-5, CP23/xF, (CP23/xPE-180,177)
 7/16 1037

6082 F3-B5517A41-1,
 par 9/24 " / 69 1041

6083 7/21 -2,
 par 9/24 " / ✓

6084 7/22 -3,
 par 9/24 " / 61 ✓

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
42	F3-B5517A42-1, CP231x F, (CP231x PI180, 177)					
	7/21			92		6101 Pan 7/24
	7/19	-2,		92	"	6102 Pan 7/24
	7/20	-3,		67	"	6103 Pan 7/24
	7/18	-4,		87	"	6104 Pan 9/24
	7/22	-5,		69	"	6105 Pan 9/24
43	F3-B5517A43-1,					
	7/25			92	"	6106 Pan 9/24
	7/19	-2,			"	6107 Pan 9/24
	7/22	-3,		94	"	6108 Pan 9/24

A43 = 77 70 iodine in F1

A44 = 23 70 "

A47 = 38 70 "

A49 = 32 70 Date "

1st
stand

Full
ripe

Plant
hgt.
(in)

F3-B5517A43-4, CP231 x F1 (CP231 x PI-180, 177)

6109

7/21

92

1043

Pan 9/24

Standing 7/24

6110

7/24

-5,

11

91

✓

Pan 9/24

V good now green Straw + Standing on 9/24

F3-B5517A44-1,

6111

7/25

11

52

1044

Pan 9/24

6112

7/25

-2,

8/26

11

47

✓

Pan 8/23

6113

-3,

8/26

11

62

✓

Pan 8/23

6114

7/24

-4,

11

56

✓

Pan 9/24

6115

7/21

-5,

8/25

11

68

✓

Pan 8/23

6116

7/25

-6,

11

54

✓

Pan 7/24

Pan for 1/24 are from poorer row
from Agron. or quality new point

29

	1st Head	Date	Full Ripe	Plant hgt. (in.)		
44		F3-B5517A44-7, CP231 x F, (CP231 x PI-180, 177)	7/25	76	"	6117 Pan 9/24
47		F3-B5517A47-1,	7/22		"	6118 Pan 9/24
		-2,	7/25	68	"	6119 Pan 9/24
		CP231	7/25			6120
47		F3-B5517A47-3, CP231 x F, (CP231 x PI-180, 177)	7/21	59		6121 Pan 9/24
		-4,	7/24	68	"	6122 Pan 9/24
		-5,	7/21	92	"	6123 Pan 9/24
49		F3-B5517A49-1,	7/14	61	"	6124 Pan 9/24
		Many stinks present				

A4923290 volume in F)
 A53 = 6970 "
~~A54 = 2898~~ "

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
6125	7/22 Pan 8/23	8/24	90	F3-B5517A49-2, CP23/x F, (CP23/x PL-180, 177)	1049
	✓ good seed				
6126	7/21	-3,	75	"	✓
	Pan 9/24				
6127	7/22	4,	92	"	✓
	Pan 9/24				
6128	7/23	-5,	71	"	✓
	Pan 9/24				
6129	7/23	F3-B5517A53-1,	92	"	1053
	Pan 9/24				
6130	7/18	-2,	93	"	✓
	Pan				
6131	7/21	-3,	94	"	✓
	Pan				
6132	7/21	-4		"	✓

$A_{15} = 2870$ rodenticide in F₁
 $A_{15} = 3470$ "

	Date		Plant hgt. (in.)		
	1st Hood	Full Ripe			
F ₃ -B5555A1-7, CP23/x F ₁ (CP23/x B505A1-11) 6141	7/22	8/25	21		1054
Pan 8/23					
(Hr 9/18)					
6142	7/23	-8, 8/25	" 39		✓
Pan 8/23					
(Hr 9/18)					
6143		-9, 8/25	" 60		✓
Pan 8/23					
(Hr 9/18)					
6144	7/25	-10, 8/25	" 53		✓
Pan 8/23					
F ₃ -B5555A15-1 5 6145			"		1068
6146	7/26	-2,	"		✓
6147		-3,	"		✓
6148		-4,	"		✓

Too tall for much activity

Date		Plant hgt. (in.)			
1st Head	Full Ripe				
F ₃ -BS555A15-5, CP23/xF, (CP23/xF) CP23/xF BS555A1-11					
					6149
		-6,	"		6150
		-7,	"		6151
		-8,	"		6152
		-9,	"		6153
		-10,	"		6154
7/26 7/26		-11,	"		6155
7/25		-12,	"		6156

AIS 34 70 nodes in F₁

Date		Plant hgt. (in.)
1st Seed	Full Ripe	

6157 F₃-B5555A15-13, CP231x F₁ (CP231x ~~BS05A1-11~~)
7/25 1068

6158 -14,
7/26 " ✓

6159 -15,
" ✓

6160 BB150 ck

6161 F₃-B55160A12-1, CP231x F₁ (CP231x B502A2-1)
7/24 1083

6162 -2,
7/25 " ✓

6163 -3,
7/24 8/25 " 69 ✓
Pan 8/23 CP-ht, v sturdy, gold hulls

6164 -4,
7/25 8/25 " 67 ✓
Pan 8/23/25
like 6163 but 2 photos ht

Nov 9/14

112 = 4970 rods in F1
 14 = 3390 "

32

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
F3-B55160A12-5, CP231xF1(CP231xB502A2-1)						
83	7/22	8/25	67			6165 Pan 8/23 shar hulls, good
	7/23	8/25	38	-6,	"	6166 Pan 8/23 gr good
	7/23			-7	"	6167
	7/23	8/25	90	-8,	"	6168 Pan 8/23 gold
	7/24			-9,	"	6169
	7/23	8/25		-10,	"	6170
F3B55158A14-1, CP231xF1(CP231xB502A2-1A)						
17	7/24	8/25	53			6171 9/19 Hv. Pan
	7/24			-2,	"	6172 gold, shorter than CP, as early

A14 = 3390 rodents in F1

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
F3-B55158A14-3, CP23/R F1 (CP23) x B502A2-114					
6173	7/25			1117	
6174	7/25	-4, 8/26	63		✓
(Ht 9/18) Pan 8/23					
✓ good CP type.					
6175	7/25	-5,	"		✓
6176	7/25	-6,	"		✓
6177	7/25	-7, 8/26	87		✓
(Ht 9/18) Pan 8/23					
Excellent CP, narrow leaves like CP not as tall					
6178	7/26	-8,	46		✓
par					
6179	7/26	-9, 8/26	90		✓
(Ht 9/18) Pan 8/23					
✓ good CP					
(Ht shorter than CP231)					
CP231					
6180	7/24				ck

33

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
17	F ₃ -B55158A14-10, CP231x F, (cp231x B502A2-119) 7/25					6181
19	F ₃ -B55158A16-1, 7/25			"		6182
	<i>Too much stink as should be the A14 family</i>		A 72 B 61			Pan 23
			-2,	"		6183
			-3,	"		6184

A16 > 389, rodina in F1

	Date		Plant hgt. (in.)	
	1st Head	Full Ripe		
6201	F3-B55158A16-4, CP231xF1 (CP231xB502A2-119)			1119
6202		-5,	"	✓
6203		-6,	"	✓
6204		-7,	<u>"</u> 64	✓
6205	Jan 9/24	-8,	"	✓
6206		-9,	"	✓
6207		-10,	"	✓
6208	F3-B5534A3-1, CP231xF1 (CP231xB502A2-154)			CI 9970 1165

~~48~~
A3 = 489. volume in F#

34

	Date		Plant hgt. (in.)			
	1st Eood	Full Ripe				
F3-B5534A3-2, CP231A/F ₁ (CP231 x CI-8970) 65						6209
R to C. O., mid-gs too tall, spreading Disc			-3,	"		6210
			-4,	"		6211
			-5,	"		6212
			-6,	"		6213
			-7,	"	25	6214
			-8,	"		6215
			-9,	"		6216

Par

A 3 = 4870 rodents in F1
 A 6 = 3670 "

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
6217	F3-B5534A3-10, CP231 x F1 (CP231 x B5534A2-154)			CI-8970	
	7/25				1165
6218	F3-B5534A6-1,			"	
	7/25	8/27		37	1168
	Pan 8/23 Earlier than most Legs might smooth				
6219	-2,			"	
	7/25			66	✓
	Pan)				
6220	B4512A1-32, (CI-9122)				OK
	7/24	8/24			
6221	F2-B5534A6-3, CP231 x F1 (CP231 x B5534A2-154)			CI-8970	
		8/28		31	1168
	Pan 8/23				
6222	-4,			"	✓
	7/25				
6223	-5,			"	✓
	7/25				
6224	-6,			"	✓

	Date		Plant hgt. (in.)		
	1st Seed	Full Ripe			
68	7/25			CT 8970 F3-B5534A6-7, CP231x F, (CP231x B552A2-154)	6225
			8	"	6226
	7/24	7/20	31	"	6227 Pan 8/23
	7/25		10,	"	6228
73	7/24	7/20	58	"	6229 Pan 8/23 one of v. earliest for agron char.
	7/25		2,	"	6230
	7/25		3,	"	6231
	7/25		4,	"	6232

411=6090 volume in 1-1

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
6233	F3-B5534A11-5, CP231x F, (CP231x CI-8970) 7/25				1173
6234		-6, 7/24		"	✓
6235		-7, 7/24		"	✓
6236		-8, 7/24		"	✓
6237		-9, 7/25		"	✓
6238		-10, 7/25		"	✓
6239		-11, 7/24		"	✓
6240	BBt 50				ck

from agron. char & earliness of 8970 missing

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
173	7/24		F3-B5534A 1 -12, CP231XF, (CP231XC18970)		6241
-			-13,	"	6242
-			-14,	"	6243
-	7/25		-15,	"	6244
188			F3-B55108AIS-1, CP231XF, (CP231XB502A2-11)		6245
-			-2,	$\frac{11}{70}$	6246
-	short ht,		-3,	"	6247
-			-4,	"	6248

Pen 10/3

A15- 4790 iodine in F1

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
6249	F3 - B55108A15-5, CP231 x F1 (CP231 x B502A2-66)			45	1189 1074
Pan 10/3 Shorter than CP231					
6250		-6,		"	✓
6251		-7,		"	✓
6252		-8,		"	✓
6253		-9,		"	✓
6254		-10,		$\frac{11}{63}$	✓
Pan 10/3 sl shorter than CP23					
6255		-11,		$\frac{11}{40}$	✓
Pan 10/3 greener than other rows on 10/3 (could be later?)					
6256		-12,		"	✓

Date		Plant hgt. (in.)		
1st Head	Full Ripe			
F3-B55108A15-13, CP231 x F1 (CP231 x B502A2-66)			41	6257
✓	-14,	59	"	Pan 10/3
Conical shorter than CP231				
✓	-15,	31	"	6258
Like 6257				Pan 10/3
✓	-15,	31	"	6259
Sl shorter than CP231				Pan 10/3
CP231		87		6260
				Pan 10/3
F3-B55108A45-1, CP231 x F1 (CP231 x B502A2-66)				6261
2/5				
✓	-2,			6262
✓	-3,			6263
✓	-4,			6264

A.45 = 41 90 codons in F.

Date		Plant hgt. (in.)
1st Hood	Full Ripe	

F₃-B55108A45-5, CP231x F₁(CP231 x B502A266-1)

6265

12/5

6266

-6,

"

6267

-7,

"

6268

-8,

"

93

Pan

6269

-9,

"

6270

-10,

"

Pan 10/3 Shorter ht than adj rows

6271

-11,

"

6272

-12,

"

Date		Plant hgt. (in.)			
1st Seed	Full Ripe				
F3-B55108A45-13, CP231x F ₁ (CP231xB502A2-66)					
15-		60			6273
Shorter than CP231					
	-14,	35	"	Pan 10/3	6274
	-15,	89	"	Pan 10/3	6275
	-16,	40	"	Pan 10/3	6276
	-17,	30	"	Pan 10/3	6277
	-18,		"	Pan 10/3	6278
	-19,	57	"	Pan 10/3	6279
appear shorter than CP231					
45/2A1-32	7/23			Pan 10/3	6280

A45 = 4170 iodine in F,

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
6281	F3-B55108A45-20, CP231x F1 (CP231xB502A2-66)			68	12/5
6282	Pan 10/3	-21,	11 66		✓
6283	Pan 10/3	-22,	11 42		✓
6284	Pan 10/3	-23,	11 35		✓
6085	appears shorter than CP231				
6086					
6087					
6088					
6089					

Date		Plant			
1st	Full	hgt.			
Head	Ripe	(in.)			
F3 - B55108A45-24, CP231xF, (CP231x8502A2-66)			69		6301
much shorter than next family				Pan 10/3	
-25,			25	"	6302
much shorter than next family				Pan 10/3	
F3 - B108A75-1,			47	"	6303
shorter than following ones but taller than 6301/402				Pan 10/3	
-2,				"	6304
-3,				"	6305
-4,				"	6306
-5,				"	6307
-6,				"	6308

103 tall

Date		Plant Hgt. (in.)
1st Hond	Full Ripe	

F₂-B55108A75-7, CP231 x F₁(CP231 x B502A2-66)
1245

6309

6310

6311

6312

6313

Pan

6314

Pan 10%

6315

6316

-8,

"

-9,

"

-10

"

F₃-B55108A77-1,

"

87

1247

-2,

"

87

-3,

"

-4,

"

Excellent CP variety, good bulb, very early
same mod, sturdy strong, watch very mg
taller than C.P. 231, same number shorter than C.P. 231

Date		Plant hgt. (in.)			
1st Head	Full Ripe				
F3-B55108A77-5, CP231 x F (CP231 x B502A2-66)					
		88			6317

		-6,	86	"	Pan 10/3	6318
--	--	-----	----	---	----------	------

		-7,	90	"	Pan 10/3	6319
--	--	-----	----	---	----------	------

					Pan 10/3	6320
--	--	--	--	--	----------	------

F3-B55108A77-8, CP231 x F (CP231 x B502A2-66)					
		89			6321

		-9,	88	"	Pan 10/3	6322
--	--	-----	----	---	----------	------

		-10,	88	"	Pan 10/3	6323
--	--	------	----	---	----------	------

F3-B5481A21-1					
B5481A21-1 TP x F (CP231 x TP)					Pan 10/3
52					6324

H2 = 22% iodine in F,

grow too tall & heads too short

	Date		Plant hgt. (in.)		
	1st Food	Full Ripe			
6325	BS4 8/18/21-2	BS4 8/22-2	TP x F. (CP23/x TP)	125	
6326			"		✓
6327			"		✓
6328			" 88		✓
6329			"		✓
6330			"		✓
6331			" 88		✓
6332			"		✓

Par 8/23 sand shaker plants

Par 10/4
Par 9/29 V green stream 10/3

all are too tall

AS = 2270 iodine in F,

41

Date		Plant	TP		
1st Head	Full Ripe	hgt. (in.)			
F3-B548A2- 52	548/A10		TP	CP231XBS TP	6333
		-13	88	Pan 8/23	6334
Sowed shortest plants					
		-12		"	6335
		-13		"	6336
		-14		"	6337
		-15	94	"	6338
			all too	"	6339
F3-B554A5- 66	BS48/A42-1			Pan 9/24	6340
0231					

AS = 2290 iodine in F₁

grow too but 2 herds too about

	Date		Plant hgt. (in)		
	1st Seed	Full Ripe			
6341	F ₂ - B5554A5-9 B548/A42-2		TP x F ₁ (CP231 x TP)		1266
6342		-3	"		✓
6343		-4	"		✓
6344		-5	"		✓
6345		-6	"		✓
6346		-7	"		✓
6347		-8	"		✓
6348		-9	"		✓

H3 = 20 90 rods in F,

Date		Plant hgt. (in.)		
1st Head	Full Ripe			
F3 - B5554A5 64 B548/A42-10			TP x F ₁ (CP231 x TP)	6349
	-11		"	6350
	-12		"	6351
	-13		"	6352
	-14		"	6353
	-15		"	6354
F3 - B5572A3 79 B548/A65-1			"	6355
	-2		"	6356

A3 = 20% iodine in F₁

grow to tall & heads to short

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
6357	F ₃ -B5572A3- B548/A65-3			TP x F ₁ (CP231 x TP)	1279
6358		-4		"	✓
6359		-5		"	✓
6360	B4512A1-32 7/22				✓
6361	F ₃ -B5572A3- B548/A65-6			TP x F ₁ (CP231 x TP)	1279
6362		-7		"	✓
6363		-8		"	✓
6364		-9		"	✓

~~A2~~ A2 = 2170 iodine in F,

43

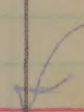
Date		Plant hgt. (in.)			
1st Head	Full Ripe				
F3-B5572A3- 79 B548/A65-10			TP x F, (CP231 x TP)		6365
	-11		"		6366
	-12		"		6367
	-13		"		6368
	-14		"		6369
	-15		"		6370
F3-B5584A2- 93 B548/A82-1			"		6371
Seed Shortest plants, Pan too short			40	Pan 3/2	
	-2		"		6372

A2 = 23% iodine in F₁

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
6373	F3- B5584A2-1 B5481A82-1		TP x F ₁ (CP231 x TP)		1298
6374		-2,	" 18		✓
	Har 9/24				
6375		-3,	"		✓
6376		-4,	"		✓
6377		-5,	"		✓
6378		-6,	" A 22 B 22		✓
	Har 10/4				
	Pan 9/24 + 10/3				
6379		-7,	"		✓
6380	Blt 50		30		
	Har 10/4				
	Pan 9/24				

Date		Plant		
1st Head	Fall Ripe	hgt. (in.)		
F3 - B5584A2 - 8, TP x F, (CP231 x TP)				
98	B548/A82			6381
	9,	85	"	6382
shorter let than most also				
	-10,		"	6383
	-11,		"	6384

10/4/23
Pm 3/23



A 2 = 23% volume in F₁

all grow too tall,

	Date		Plant ht. (in.)	
	1st Head	Full H		
6401	F ₃ - B5584A2-12 8548/A82-12,		TP x F ₁ (KP231 x TP) 82	1298
Pan 8/23	Seed earliest + shortest			
6402	-13,		" 19	✓
Pan 10/3	-14,		" 22	✓
6403				
Pan 10/3	-15,		"	✓
6404				
	F ₃ - B5567A7-1 8548/A55-1		"	1303
6405				
6406	-2, 12		"	✓
6407	-3,		"	✓
6408	-4,		"	✓

Date		Plant		
1st	Full	hgt.		
Good	Ripe	(in.)		
F3 - 85567A7-5 , TP x F, (CP231 x TP)				6409
103	8548/A55-5			
	-6,	"		6410
	-7,	"		6411
	-8,	"	27	6412
greener than the row				
	-9,	"		6413
	-10,	"	27	6414
Sep mat.				
	-11,	"		6415
	-12,	"		6416

A7 = 3470 codons in F₁
 A12 = 4870 "

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
6417	F ₃ - B5567A7-13 B548/A55-13 maybe seg. mat.		TP x F ₁ (CP231 x TP) 24	130	
6418		-14,	"		✓
6419		-15,	"		✓
6420	CP231				
6421	F ₃ - B5572A12-1 B548/A73-1		TP x F ₁ (CP231 x TP).	1309	
6422		-2,	"		✓
6423		-3,	"		✓
6424		-4,	"		✓

42 = no nodules in F.

Date		Plant hgt. (in.)		
1st Head	Full Ripe			
F3 - B5572A12-5 B548/A73-5			TPxF ₁ (CP231x TP)	6425
		-6,	"	6426
		-7,	"	6427
		-8,	9/ " "	6428
more uniform than most Sand caribet + shorter			Pan 8/23	
		-9,	"	6429
		-10,	"	6430
B548/A72-1 F3 - B5572A2-1			"	6431
10 may have some short plants			P9	Pan
		-2,	"	6432

A2 = no nodules in F₁

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
6433	F₂ - B5572A2-3 B5481A72-3		TP x F ₁ (CP23 x TP)		13/10
6434		-4,	"		✓
6435	segs met,	-5,	<u>52</u>		✓
6436	Short lil plants present, more shorter plants than this		"		✓
6437		-7,	"		✓
6438		-8,	"		✓
6439		-9,	"		✓
6440	B4512A1-32 (CI. 9122)				

7/17

A12 = no rodnei in F₁

47

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
F ₃ - B5572A2-10 , TP x F ₁ (C9231 x TP) 10 3548/A72-10					6441
F ₃ - 855148A12-1, TP ₂ x TP - 9122 -30					6442
7/19		-2			6443
7/19		-3			6444
		-4			6445
		-5			6446
		-6			6447
		-7			6448

AS = 29% iodine in 1957

	Date		Plant hgt. (in.)		
	1st Seed	Full Ripe			
6449	F3- B554745 B5524745-1		1, Rex x F1 (Rex x 9122) 2 33	15	
	Pan 10/3	Shorter than most			
6450	"	-2,	" 29		✓
	Pan 10/3	sturdy, now not too tall			
6451	"	-3,	"		✓
		segs			
6452	"	-4,	" 23		✓
	Pan 8/23	segs mat			
		sand enriched, rather tall but productive!			
6453	"	-5	" 24		✓
	Pan 8/23	segs mat			
		sand enriched			
6454	"	-6	" 27		✓
	Pan 8/23	segs mat			
		sand enriched			
6455	"	-7	"		✓
6456	"	-8	"		✓

Date		Plant hgt. (in.)			
1st Hnd	Full Ripe				
F ₃ -B55247A5-9, Rex ₂ x F ₁ (Rex x 9122)					
7/1	Segt mat		28		6457
				Pan 8/23	
				Sand v earlier shorter than other for	
		-10,	32	"	6458
	Segt mat			Pan 8/23	
				Sand v earlier shorter than other for	
F ₃ -B55247A8-1,					
7/2	7/20 Segt mat		49	"	6459
				Pan 8/23	
				Sand v earlier, sturdy root, shorter	
46-50					6460
F ₃ -B55247A8-2, Rex ₂ x F ₁ (Rex x 9122)					
7/2	7/21		39		6461
				Pan	
7/19	8/20	-3,	49	"	6462
				Pan 7/23	
				all early now gold hulls, shorter than 9122 good	
7/17		-4,		"	6463
7/20	Segt	-5,	A 44 B 45	"	6464
				Pan 8/27	
				Sand earlier	

A8 = no codons in F1

Date		Plant ht. (in.)
1st Head	Full Ripe	

6465 F3-B55247A8-6, Rex x F1 (Rex x CI9122)
157

6466 -7 " ✓

6467 7/19 8/20 8/20 45 " ✓

Pa 8/23
notes tell as 9/22

6468 7/21 -9 " ✓

6469 7/20 Aug -10 45 " ✓
few BBts met

Pa 8/23

6470 F3-B 55247A16A1, " 1573

Pa

6471 -2, " ✓

6472 -3, " ✓

4/6 = 30% iodine in F₁

49

Date		Plant hgt. (in.)			
1st Head	Full Ripe				
F ₃ -B55247A16-4		Rex ₂ x F ₁ (Rex x CF-9122)			6473
73					
"	-5,	"			6474
"	-6,	"			6475
study some fairly short plants present		"			6476
"	-7,	"			
"	-8,	"			6477
"	-9,	"			6478
"	-10,	"			6479
P 231					6480

A20 = 20 iodine in F₁

	Date		Plant hgt. (in.)	
	1st Head	Full Ripe		
6481	F ₃ -B55247A20-1		Rex ₂ x F ₁ (R x CI9132)	157

6482		- 2,	"	✓
------	--	------	---	---

6483		- 3,	" 29	✓
<i>Av 124</i> <i>Par</i> <i>only 1 taller than c.p. Saw shortest & no row</i>				

6484		- 4,	"	✓
------	--	------	---	---

Date		Plant hgt. (in.)			
1st Bloom	Full Ripe				
F ₃ -B55247A20-5,			Rex x F ₁ (Rex x CI9/22)		6501
"	-6,	"			6502
"	-7,	"	28		6503
some short plants				Pan 10/3	
"	-8,	"	17		6504
67.2 % Total					
48.0 % Head					
Amylograph determined but high					
Amylograph determined but high					
"	-9,	"			6505
"	-10,	"	30		6506
"	-11,	"	29		6507
C.P.-BBt mut					
Shorter than most,					
"	-12	"	31		6508

A20 = no iodine in F,
 A22 = 27% iodine in F,
 A24 = 36% "

	Date		Plant hgt. (in.)	
	1st Head	Full Ripe		
6509	F3-B55247A20-13, Rex ₂ x F ₁ (Rex x CI9/22)			1574
6510	"	-14,	"	L
6511	"	-15,	"	L
6512	F3-B55247A22-1,		"	1575
6513	"	-2,	"	L
6514	"	-3	"	L
6515	"	-4 cp - best mat	$\frac{4}{21}$	L
6516	"	-5 cp - best mat	$\frac{1}{44}$	L
Pan 10/3 shorter ht.				
Pan 10/3 shorter ht.				

	Date		Plant hgt. (in.)		
	1st Ecod	Full Ripe			
575	F3-B55247A22-6,		43	Rex x F (Rex x CI 9/22)	6517
				Pan	
	"	-7,		"	6518
	"	-8		"	6519
	34512A1-32 (CI 9/22)				6520
	575 - F3-B55247A22-9,		43	Rex x F (Rex x CI 9/22)	6521
	"	-10,		"	6522
	Sept?				
	Shorter than adj rows & good Hb.			Pan 10/2	
576	F3-B55247A24-1,				6523
	"	-2,		"	6524
	7/25				

$A_{27} = 35\%$

Her 10/4 Excellent Rextype - 1 CP to B&B not ad
Pan 10/3 V good now Her. is taken from B&B 50

	Date		Plant hgt. (in.)			
	1st Elood	Full Ripe				
✓	F ₃ -B 55247A27-1,		Rex ₂ x F ₁ (Rex x CI9122)			6533
✓		"	-2,	"		6534
✓		"	-3,	"		6535
			46			(Hr 11/4 Pan 10/3
✓		"	-4,	"		6536
			41			(Hr 11/3 Pan 10/3
✓	mostly red flags, 1 good and taller than B&B 50.		-5,	"		6537
✓		"	-6,	"		6538
✓		"	-7,	"		6539
		B&B mat	38			(Pan 10/3
B&B 50						6540

$A27 = 3590$
 $A28 = 3290$
 $A30 = 3490$

iodine in F₁

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
6541 Nov 10/4 Pan 10/3 ^{BBT met.} shorter than BBT 50, V. good, Dr row				$\frac{46}{1572}$ $Rex \times F_1 (Rex \times CI-4/22)$	
6542	"	-9,	"	$\frac{43}{L}$	
6543 Nov 10/4 Pan 10/3	"	-10, BBT met	"	$\frac{45}{V}$	
6544 $F_3 - B55247A28-1$			"		1578
6545	"	-2,	"		L
6546	"	-3,	"		L
6547 Nov 10/4 Pan 10/3	"	-4, BBT met	"	$\frac{45}{V}$	
6548 Nov 10/4 Pan 10/3 shorter list than others	"	-5, BBT met	"	$\frac{47}{V}$	

	Date		Plant hgt. (in.)		
	1st Seed	Full Ripe			
578	F ₃ -B55247A28-6		Rex x F ₁ (Rex x CF-9/22)	BBT mut	6549 Ho
	shorter h ^t than others but sl taller than 6548		Pan 10/3	"	6550
	"		-7	"	6551
	"		-8,	"	6552
	"		-9,	"	6553
	"		-10,	"	6554
	BBT mut		43	"	6555
	like 6556		38	"	6556
579	F ₃ -B55247A50-1,		BBT mut	"	6557
	like 6556		-2,	"	6558
	" sepp		-3,	"	6559
	Early (CP mut?)		37	"	6560
	Taller than CP23, but round			"	6561

A30 = 3490 volume in F1
 A31 = 3790 "

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
6557	F3-B55247A30-4, <i>CPine</i>		Rex ₂ x F ₁ (Rex x (I-9122)) 42		1579
6558	Pan 10/3	like 6556	" -5,	"	L
6559	"	"	" -6,	"	L
6560	CP231,				
6561	F3-B55247A31-1, <i>only</i>		Rex ₂ x F ₁ (Rex x (I-9122)) 48		1579
6562	Pan 10/3	only v. sl. taller than CP231, <i>Dr Row</i>	" -2, 38	"	L
6563	Pan 10/3	"	" -3,	"	L
6564	"	"	" -4,	"	✓

	Date		Plant hgt. (in.)		
	1st Seed	Full Ripe			
F3-855247A31-5, $Rex_2 \times F_1$ ($Rex \times II-9/22$)					6565
-6,				"	6566
-7,				"	6567
-8,				"	6568
-9,				"	6569
-10,				"	6570
-11,				"	6571
-12,				"	6572

9
700 tall

A31 = 3790 iodine in F₁

A33 = 3590 "

	Date		Plant hgt. (in.)		
	1st Head	Full Head			
6573	F ₃ -B55247A31-13, Rex ₂ x F ₁ (Rex x CI 9/22)				1586
6574		-14	Too tall	"	✓
6575	F ₃ -B55247A33-1, 7/26			<u>50</u>	1581
6576	"	-2,		"	✓
6577	7/29	-3,		<u>46</u>	✓
6578	7/25	-4,		"	✓
6579	7/23	-5,		"	✓
6580	B4512A1-32 (CI-9/22) 7/24				

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
	F3-B55247A33-6, Rex ₂ x F ₁ (Rex x (I-9122))				
81	7/24	Sept			6581
	7/25	"	-7,	53	6582
	7/26	"	-8,	45	6583
	"	"	-9,	43	6584

Short plants present

Pan 10/2

Pan 10/2

Pan 10/2

Pan 10/2

A33 = 3590 iodine in F,
 A35 = no " " "
 A36 = 3490 " " "

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
6601	F ₃ -B55247A33-10, Rex x F, (Rex x CI 9122) 2				1581
6602	F ₃ -B55247A35-1,		"	22	1582
6603	"	-2, early	"	37 37	✓
6604	"	-3, early	"	43	✓
6605	"	-4,	"		✓
6606	"	-5,	"		✓
6607	"	-6,	"	35	✓
6608	"	-7,	"		✓

Pan 10/3

Pan 10/3

	Date		Plant hgt. (in.)		
	1st Elead	Full Ripe			
F ₃ -B55247A35-8, 82			Rex ₂ x F ₁ (Rex x CI9122)		6609
			-9	"	6610
			-10	"	6611
F ₃ -B55247A36-1, 837/25				"	6612
7/24	"		-2,	"	6613
7/25	"		-3,	"	6614
7/25	" early		-4,	"	6615
Some short plants					Pan 10/3.
7/24	"		-5,	"	6616

46

A36 = 3490 volume in F₁

A41 = no " " "

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
6617	F ₃ -B55247A36-6, 7/24	Rex ₂	x F ₁ (Rex x CI 9122)	158	

6618	7/25	-7,	"		L
------	------	-----	---	--	---

6619	7/25	-8,	"		L
------	------	-----	---	--	---

6620	But 50		50	158	
------	--------	--	----	-----	--

Per 10/3

6621	F ₃ -B55247A36-9, Rex x F ₁ (Rex x CI 9122) 7/25				L
------	---	--	--	--	---

6622	" 7/25	-10,	"		L
------	--------	------	---	--	---

6623	F ₃ -B55247A41-1, 7/18		11 40	158	
------	--------------------------------------	--	----------	-----	--

Per 10/3

6624	Short plants present, early, 7/25	-2, 1	1		L
------	--------------------------------------	----------	---	--	---

84	Date		Plant hgt. (in.)			
	1st Eland	Full Ripe				
F ₃ -B55247A41-3, Rex x F ₁ (Rex x CI9122)	7/24	VE		2	57	6625
Sam panicles, short						Pan 10/3
	7/25	"	-4,	"		6626
	7/26	"	-5,	"		6627
	7/15	"	-6,	"		6628
	7/15	"	-7,	"		6629
	7/15	"	-8,	"		6630
	7/24	"	-9,	"		6631
	7/15	"	-10,	"		6632

A 42 = 3190 iodine in F,

A 50 = 3270 "

F3-B55247A42₂/Rex x F, (Rex x CI-9/22)

6633

15

6634

"

-2,

"

6635

"

-3,

"

6636

"

-4,

"

43

Jan 10/3

6637

"

-5,

"

6638

"

-6,

Early

"

42

Jan 10/9

Jan 10/2

6639

"

-7,

"

6640

CP 231

CP 10/2 c ptyper no talk than c p check, watch

	Date		Plant hgt. (in.)		
	1st Seed	Full Ripe			
585	F3-B55247A42-8,		Rex ₂ x F ₁ (Rex	(I9122)	6641
	"	-9,	29	"	6642
	like 6638 Narrow C type, no taller,			Par	
	"	-10,	"		6643
586	F3-B55247A50-1,		20	"	6644
	"	-2,	"	Par 10/5	
7/25	"	-2,	"		6645
	"	-3,	"		6646
7/25	"	-4,	23	"	6647
	"	-5,	"	Par 10/5	
7/25	"	-5,	"		6648

A50 = 32% iodine in F1.
 A51 = 33% "

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
6649	F3-B55247A50-6, Rex ₂ x F1(Rex x CF-9122)				
					1586
6650	7/25	-7,	" 24		L
Pa 10/3					
6651	7/25	-8,	" 27		L
Pa 10/3					
6652	7/25	-9,	"		L
6653	7/25	-10,	"		L
6654	F3- B55247A51-1 B55247A51-1,				
			" 25		158:
Heavy non 2s probably labeled 5654					
6655	7/25	" -2,	"		L
6656	7/25	" -3,	"		L

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
87	7/25		F ₃ -B55247A51-4, Rex ₂ x F ₁ (Rex x CI-9122)		6657
-	7/16	"	-5,	"	6658
-	7/25	"	-6,	"	6659
34512A1-32 (CI-9122)	7/24				6660
87	7/25		F ₃ -B55247A51-7, Rex ₂ x F ₁ (Rex x CI-9122)		6661
-	7/25	"	-8,	"	6662
-	7/24	"	-9,	"	6663
-	7/16	"	-10,	"	6664

A23 = 3890 iodine in F,

A30 = no " "

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
6665	7/17	B55247A51 B5480A23-1	Rex x F, (Rex x (I-9)22)		1588
6666	7/25	"	-32,	"	✓
6667	7/16	"	-33,	"	✓
6668	7/16	"	-34,	"	✓
6669		"	-35,	"	✓
6670		"	-36,	"	✓
6671	7/16	"	-37	"	✓
6672	7/24	"	-38,	"	✓

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
88	F ₃ -BS480A23-9, 7/15			Rex x F ₁ (Rex x CI 9/22)		6673
	7/24	"	-10	"		6674
89	F ₃ -BS480A30-1, 7/24			"		6675
	7/25		-2	"		6676
	7/25		-3,	"		6677
	7/25		-4,	"		6678
	7/25		-5,	"		6679
Bbz 50						6680

A30 = no iodine in F,
 A32 - 4/90 " " "

	Date		Plant hgt. (in.)		
	1st Hood	Full Ripe			
6681	7/24				
F3-B5480A30-6, Rex x F1(Rex x CI9122)					
					158
6682	" 7/24	-7,		"	✓
6683	" 7/25	-8,		"	✓
6684	"	-9,		"	✓
Pan 1 1/3					

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
589	7/25			F ₃ -B5480A30-10, Rex x F ₁ (Rex x C19122)	6701
590	7/25			F ₃ -B5480A32-1,	6702
-	7/24	"	-2,	"	6703
-	7/24	"	-3,	<u>28</u> "	6704 Pa-10/9
-	7/24	"	-4,	"	6705
-	7/24	"	-5,	"	6706
-		"	-6,	<u>25</u> "	6707 Pa-10/9 Ho-10/9
-	7/24	"	-7,	"	6708

on antedon 1st mat row

Gish

A32 = 4190 iodine in F₁
 A4 = 8590 "

	Date		Plant hgt.		
	1st Feed	2nd			
6709 Pan 10/9	F3-B5480A32-8, Rex x F ₁ (Rex x (I9122)) 7/25		33	159	
6710	" 9, 7/25		"		L
6711	" -10, "		"		L
6712 Pan 10/9	F3-B554SA4-1, CP231 x F ₁ (CP231 x Z.B.) CP231 x CP231- Z.B., 7/25		83	159	
6713 Pan 10/9	" -2, "		64		L
6714 Pan 10/9	" -3, 7/26		88		L
6715 Pan 10/9	" -4, 7/26		87		L
6716 Pan 10/9	" -5, 7/26		91		L

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
-94	7/26		F3-B5545A4-6, CP231 x F (CP231 x ZB)	92	6717 Pa 10/9
-	7/26	"	-7,	91	6718 Pa 10/9
-	7/26	"	-8,	89	6719 Pa 10/9
P231					6720
-94			F3-B5545A4-9, CP231 x F (CP231 x ZB)	54	6721 Pa 10/9 V good CP grain type
-	7/26	"	-10,	89	6722 Pa 10/9
-	7/25	"	-11,	89	6723 Pa 10/9 V good plant type
-		"	-12,	85	6724 Pa 10/9 all early no talk the CP sturdy, uniform

A4 = 8590 iodine in F1

A5 = 3690 "

A9 = 2990 "

A3 = 4490 "

	Date "		Plant hgt. (in)		
	1st Head	Full Ripe			
F3-B5545A4-13, CP231 x F1 (CP231 x ZB)					
6725			89		159
Pa 10/9					
6726	7/25	-14,	86		L
Pa 10/9					
6727		-15,	88		✓
Pa 10/9					
F3-B5545A5-13,					
6728			90		159
Pa 10/9					
6729	7/25	-2,	92		L
Pa 10/9					
6730	7/25	-3,	90		L
Pa 10/9					
					Weak stems, all early
6731	7/26	-4,	A 58 B 55		L
10/8					an autotender, sturdy stemmed now mostly late (10/8). A few early plants present watch
F3-B5545A9-1, 5,					
6732	7/26		A 45 B 43		159
Pa 10/8					

A 9 has many tall sk stemmed ones
 and A 5 is rather tall but other more fair CP
 why A 4 = some very good CP type ones

63

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
F3-B5545A9-2, CP231 x F1(CP231 x ZB)					
99 7/26			50	11	6733 Pan 10/8
sturdy stem					
7/26	"	-3,	54	11	6734 Pan 10/8
7/26	"	-4	A=88 B=86	11	6735 Pan 10/8
7/26	"	-5	30	11	6736 Pan 10/8
Fairly sturdy types present					
"		-6,	A=86 B=85	11	6737 Pan 10/8
sturdy stem					
F3-B5546A3-1, CP231			A=53 B=50	11	6738 Pan 10/8
03					
"		-2	50	11	6739 Pan 10/8

34512A1-32 (CI-9122)
 7/16

6740

A3 = 44% iodine in F, many test & m

A2 = 45% "

Date		Plant
1st Head	Full	hgt (in.)

F3-B5546A3-3, CP231 x F, (CP231 x Z B)

6741

62

142

Pan 10/8

✓ sturdy row, No yellow

" -4,

6742

"

A = 85
B = 85

Pan 10/8

" -5,

6743

"

A = 90
B = 88

Pan 10/8 Short ht good

" -6,

6744

"

A = 78
B = 75

Pan 10/8

" -7,

6745

"

88

Pan 10/8 Short ht, good

" -8,

6746

"

A = 89
B = 90

Pan 10/8

" -9,

6747

"

66

Pan 10/8

" -10,

6748

"

A = 49
B = 48

Pan 10/8

7/25

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
F3-B5546A2-11, CP231x F1 (CP231x ZB)					6749
037/25				A = 88 B = 82	Pan 10/8
F3-B5489A2-1, CP231x F1 (CP231x 8970)					6750
6/10					
" -2,	7/25			"	6751
" -3,	7/25			"	6752
" -4,	7/25			"	6753
" -5,	7/25			"	6754
" -6,	7/23			"	6755
" -7,	7/23			"	6756

A2 = 45% iodine in F₁

A4 = 43%

"

Date		Plant hgt. (in.)
1st Head	Full knap	

F₃-B5489A2-8, CP231 x F₁ (CP231 x CI8970)

6757 7/24

161

6758 " -9, 7/29

"

6759 " -10, 7/16

"

Pan 10/3 v. good, long grain but rather tall
Sowed earliest 2nd growth Pan

6760 But 50

F₃-B5489A4-1, CP231 x F₁ (CP231 x CI8970)

6761 7/25

161

6762 " -2, 7/25

"

38

Pan 10/3

6763 " -3, 7/25

"

6764 " -4, 7/25

"

63

Pan 10/3

H4 family has very good c p types
 + all gold. Prob. not 8970 cross
 shorter but than CP 23/.

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
13	7/25				6765
	7/24	"	-6,	"	6766
		"	-7,	"	6767
plants affected. Highly sterile not all adj. rows are normal					
	7/24	"	-8,	65 "	6768
					Pan 10/3
	7/25	"	-9,	"	6769
					Pan 10/3
	7/25	"	-10,	32 "	6770
Shorter but than c p					
	7/25	"	-11,	"	6771
					Pan 10/3
	7/25	"	-12,	"	6772

A4 = 4390 iodine in F,
 A7 = 8990 "

	Date		Plant hgt (in.)		
	1st Head	Full R.			
6773	F3-B5489A4-13, CP231 x F, (CP231 x CI-8990)				16.
6774	" 7/24	-14,	"		L
6775	"	-15,	"		L
6776	"	-16,	"		L
6777	" 7/25	-17,	"	A 35 B 82	L
6778	Jan 10/3	" -18	"	51	L
6779	" 7/25	-19,	"		L
6780	CP231				

Date	Plant	6781
1st Head	Full Rose	hgt. (in.)
F3-B5489A4-20, CP231 x F1 (CP231 x CL-8970) 13		
F3-B5489A7-1, 14	"	6782
7/25	"	-2,
97	"	6783
		Pan 1 1/2
	"	-3,
	"	6784

~~777~~ A7 = 8990 iodine in F,
 A9 = 45%

"

6801

F3-B5489A7-4, CP231 x F1(CP231 x CI8970)

97

161

Pan 10/9

short ht

6802

"

-5,

"

96

Pan 10/9

short ht

6803

"

-6,

"

Tall

6804

"

-7,

"

96

Pan 10/9

v short ht

6805

"

-8,

"

96

Pan 10/9

v short ht

6806

"

-9,

"

6807

"

-10,

"

6808

F3-B5489A9-1, ~~777~~

"

161

	Date		Plant hgt. (in.)			
	1st Seed	Full Ripe				
F ₃ - B5489A9-2, CP231 x F ₁ (CP231 x CE-8970)						6809
7/25	"	-3,	"			6810
	"	-4,	"			6811
	"	-5,	"			6812
7/25	"	-6,	"			6813
	"	-7,	"			6814
7/26	"	-8,	"			6815
7/24	"	-9,	"			6816

A9 = 45% iodine in F1

A10 = 41% "

A18 = 44% "

Date "		Plant hgt. (in.)
1st Head	Full Ripe	

6817 F3-B5489A9-10, CP23/xF(CP23/xCI8970) 1614
7/25

6818 F3-B5489A10-1, " 161
7/25

6819 -2, " ✓
7/25

6820 B4512A1-32(CI 9/22)
7/16

6821 F3-B5489A10-3, CP23/xF(CP23/xCI8970) 161
7/25

6822 " -4, " ✓
7/25

6823 " 5, " ✓
7/25

6824 " -6, " ✓
7/25

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
	F3 - BS489A10-7, CP231 x F1 (CP231 x CI-8970)				
✓	16/17	7/25			6825
✓	7/25	"	-8,	"	6826
✓	7/25	"	-9,	"	6827
✓	7/26	"	-10,	"	6828
	BS489A18-1,				
✓	6/25	7/24		"	6829
✓	7/24	"	-2,	"	6830
✓	7/15	"	-3,	"	6831
✓	7/15	"	-4,	"	6832

A18 = 44% iodine in F
 A20 = 57% "

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
6833	F3- B5489 A18-5, CP231 x F1 (CP231 x CI8970) 7/15					162
6834	7/15	-6,		"		L
6835	7/15	-7,		"		L
6836	7/15	-8,		"		L
6837	7/14	-9,		"		L
6838	7/14	-10,		"		L
6839	F3 B5489 A20-11, 7/15			"		162
6840	Bht 50					

	Date		Plant hgt. (in.)		
	1st Seed	Full Ripe			
F3-B5489A20-2, CP231 x F ₁ (CP231 x CF-8970)					
✓ 627	7/24				6841
-	7/24	" "	-3,	"	6842
-	7/25	" "	-4,	"	6843
-	7/23	" "	-5,	"	6844
-	7/25	" "	-6,	"	6845
-	7/23	" "	-7,	"	6846
-	7/15	" "	-8,	"	6847
✓	7/24	" "	-9,	"	6848

A20 = 5790 iodine in F,

A21 > 5170 "

A22 = 5390 "

	Date		Plant hgt. (in.)		
	1st Head	Full Range			
6849	F3-B5489A20-10, 7/25	CP231 x F1(CP231 x CI8970)			162
6850	F3-B5489A21-1, 7/25		"		162
6851	7/25	-2,	"		L
6852	7/26	-3,	"		L
6853	7/25	-4,	"		L
6854	7/25	-5,	"		L
6855	7/25	-6,	"		L
6856	7/25	-7,	"		L

	Date		Plant hgt. (in.)		
	1st Head	Full Bloss			
✓	628	7/25	F ₃ -B5489A21-8, CP231 x F ₁ (CP231 x CI8970)		6857
✓		"	-9,	"	6858
✓	7/25	"	-10,	"	6859
	CP 231	"		"	6860
✓	629	7/25	F ₃ -B5489A22-1, CP231 x F ₁ (CP231 x CI8970)		6861
✓	7/25	"	-2,	"	6862
✓	7/26	"	-3,	"	6863
			87		pm 10/9
✓	7/25	"	-4,	"	6864
			gustop type & ce ht.		

A22 = 5390 iodine in F₁

A2 = 2990 "

Date	
1st Seed	Full Ripe

Plant hgt. (in.)

6865	F ₃ -B5489A22-5, CP231 x F ₁ (CP231 x CI-8970)	162
------	--	-----

6866	" -6,	"	✓
------	-------	---	---

6867	" -7, 7/26	"	✓
------	---------------	---	---

6868	" -8, 7/26	"	✓
------	---------------	---	---

6869	" -9,	"	✓
------	-------	---	---

6870	" -10, 7/25	"	✓
------	----------------	---	---

6871	F ₃ -B55124A3-1, BB750 x F ₁ (BB750 x B502A2-10)	163
------	--	-----

6872	" -2,	"	✓
------	-------	---	---

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
F3-B55124A3-8, BBt50x51 (BBt50xBS02A2-113) 633						6873
"	"	-4,		"		6874
"	"	-5,		"		6875
"	"	-6,		"		6876
"	"	-7,		"		6877
"	"	-8,		"		6878
"	"	-9		"		6879
B4512A1-32 (CF-9122) 7/23						6880

A3 = 2990 iodine in F,
 A8 = 2796 "

	Date		Plant hgt. (in.)		
	1st Head	Full Rice			
6881	F3-B55124A3-10, BBT50 x F, (BBT50 x B502A2-113) 163				
6882	"	-11,	"		✓
6883	"	-12,	"		✓
6884	"	-13,	"		✓
		11, -15, -16, -17,	11 -11		

Date		Plant			
1st Head	Full Ripe	hgt. (in.)			
F3-B55124A3-14, BBtsoxFi(BBtso x B502A2-113)					6901
633					
"		-15,	"		6902
F3-B55124A8-1,			"		6903
638					
		-2,	"		6904
		-3,	"		6905
		-4,	"		6906
		-5,	"		6907
		-6,	"		6908

A8 = 2790 iodine in F1
 A10 = 2990 "
 A13 = 3190 "

Date		Plant hgt (in.)
1st Head	Full Ripe	

6909 F3-B55124A8-7, BBT50 x F, (BBT50 x B502A2-11)
 163

6910 " -8, " "
family

6911 " -9, "
Will

6912 " -10 "
Rather tall

6913 F3-B55124A10-1, "
 16

6914 -2, "
 45

Pan 10/9

Possibly more slender than BBT50

6915 -3, "
 52

6916 -4, "
 52

Pan 10/9 seg hull color

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
40	F3-B55124A10-5, BBT50 x F, (BBT50 x B502A2-113)				6917
43	F3-B55124A13-1,			"	6918
	"	-2		"	6919
	Blt 50		47		6920
43	F3-B55124A13-3, BBT50 x F, (BBT50 x B502A2-113)				6921
	"	4,	48	"	6922 Pa 10/9
	Shrubs let the others				
	"	-5,		"	6923
	"	-6,		"	6924

A13 = 3190 rodent ~ F,
 A17 = 3790 " " "
 A20 = 4090 " " "

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
6925	F3-B55124A13-7, BBt x F1 (BBt50 x B502A2-113)				164
6926	"	-8,	"		
6927	"	-9,	"		
6928	"	-10,	"		
6929	F3-B55124A16-1,		"		165
6930	"	-2,	"		
6931	"	-3,	"		
6932	F3-B55124A20-1,		"		165

	Date		Plant hgt. (in.)			
	1st Seed	Full Ripe				
F3 - B55124A20-2, BBT50 x F1 (BBT50 x B502A2-113)						6933
650						
"			-3,	"		6934
"			-4,	"		6935
"			-5,	"		6936
"			-6,	"		6937
"			-7,	"		6938
"			-8,	"		6939
P231						6940

A21 = 27% iodine in F₁

A24 = 29% " " "

	Date		Plant hgt. (in.)	
	1st Head	Full Ripe		
6941	F3-B55124A21-1, BBt50 x F (BBt50 x B502A2-113)			
6942	"	-2,	"	✓
6943	"	-3,	"	✓
6944	"	-4,	"	✓
6945	"	-5,	"	✓
6946	"	-6,	"	✓
6947	"	-7,	"	✓
6948	"	-8,	"	✓

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
51	F3-B55/24A21-9, BB/50 x Fi (BB/50 x B50 2A2-113)				6949
		1	-10,	"	6950
54	F3-B55/24A24-1,			"	6951
		"	-2,	"	6952
		"	-3,	"	6953
		"	-4,	"	6954
				64	Pan 10/9
			greener than than average than		
		"	-5,	"	6955
		"	-6,	"	6956
				95	Pan 10/9
			greener than than average, gold		

A24 = 29% iodine in F,

A25 = 33% " " "

A26 = 26% " " "

	Date		Plant hgt. (in.)		
	1st Seed	Full Ripe			
6957	F3 - B55124A24-7, BBt50 x F, (BBt50 x B502A2-113)				165
6958	"	-8		"	
6959	"	-9		"	
6960	B4512A1-32 (CI-9122) 7/24				
6961	F3 - B55124A24-10, BBt50 x F, (BBt50 x B502A2-113)				165
6962	F3 - B55124A25-1,			"	165
6963		-2,		1 44	165
Pan 10/9 greener leaves than average, gold					
6964		-3,		"	

	Date		Plant hgt. (in.)			
	1st Flower	Full Bloss				
F ₃ -B55/24A25-4, BBT50 x F ₁ (BBT50 x B502A2-113) 655						6965
	"	-5,		"		6966
	"	-6,		<u>"</u> 55		6967
	"	-7,		"		6968
	"	-8,		"		6969
	"	-9,		"		6970
	"	-10,		"		6971
F ₃ -B55/24A26-1, 656				"		6972

A26 = 2670 iodine in F₁
 A28 = 3770 " " "

F₂ - B55/24A26-2, BB150 x F₁ (BB150 x B502A2-113)

165

6973

6974

6975

6976

6977

6978

6979

6980

Blt 50

Food des dry family

Date		Plant hgt. (in.)
1st Head	Full Ripe	

" " -3, "

" " -4, "

" " -5, "

" " -6, "

" " -7, "

" " -8, "

39

	Date		Plant hgt. (in.)			
	1st Seed	Full Ripe				
656	F3-B55124A26-9, BB150xF, (BB150xB502A2-113)					6981
-	"	"	-9,	"		6982
659	F3-B55124A28-1,			"		6983
-	"	"	-2,	"		6984

A 28 = 3790 iodine in F,
 A 31 = no " " "

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
F ₃ - B55124A28-3, BBT50 x F, (BBT50 x B502A2-113)					
7001					165
7002	"	-4,		"	L
7003	"	-5,		"	L
7004	"	-6,		"	L
7005	"	-7,		"	L
7006	"	-8,		"	L
F ₃ - B55124A31-1,				"	
7007					166
7008	"	-2,		"	L

Date		Plant			
1st	Full	hgt.			
Head	Ripe	(in.)			
F ₃ -B55124A31-3, BBt50 x F (BBt50 x B502A2-113)					
✓ 62					7009
	"	-4,	"	"	7010
	"	-5,	$\frac{11}{77}$		7011
less CO and green leaves 10/9 than BBt50 Pan 10/9					
	"	-6,	"		7012
	"	-7,	$\frac{11}{77}$		7013
	"	-8,	"		7014
	"	-9,	$\frac{11}{39}$		7015
less CO & green leaves than BBt50 Pan 10/9					
✓	"	-10,	"		7016

A33 = 40% iodine in F,

A32 = 41% " " "

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
7017	F ₃ -B55124A33-1, BBt50 x F ₁ (BBt50 x B502A2-113)		23	166	
7018	"	-2,	25	L	
Pan 10/9 grinner leaves than BBt50					
7019	"	-3,	"	L	
7020	CP231				
7021	F ₃ -B55124A33-4, BBt50 x F ₁ (BBt50 x B502A2-113)			166	
7022	"	-5,	"	L	
7023	"	-6,	"	L	
7024	"	-7,	"	L	

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
664	F3-B55124A33-8, BB150 x F1 (BB150 x B552A2-113)				7025
-			-9,	"	7026
-			-10,	"	7027
663	F3-B55124A32-1,			"	7028
-	"		-2,	"	7029
-	"		-3,	"	7030
-	"		-4,	"	7031
✓	"		-5,	"	7032

Not leafy/dry family

A32 = 4190 iodine in F₁

A34 = 3190 "

A35 = 2990 "

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
7033	F ₃ -B55124A32-6,		BBT50 x F ₁ (BBT50 x B502A2-113)		1663
7034	"	-7,	"		✓
7035	"	-8,	"		✓
7036	"	-9,	"		✓
7037	"	-10,	"		✓
7038	F ₃ -B55124A34-1, 1		"		1665
7039	"	-2,	"		✓
7040	B4512A1-32 (CF-9122)				
	7/24				

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
665	F ₃ -B55124A34-3, BBt50xF, (BBt50xB502A2-113)				7041
-	"	-4,	"	"	7042
-	"	-5,	"	"	7043
-	"	-6,	"	"	7044
-	"	-7,	"	"	7045
-	"	-8,	"	"	7046
666	F ₃ -B55124A35-1,				7047
-		-2,	"	"	7048

A35 = 2970 iodine in F1
 A36 = 2870 " " "

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
7049	F3-B55/24A35-3, BBt50 x F1 (BBt50 x BS02A2-10) 166				
7050	"	-4,	"		L
7051	"	-5,	"		L
7052	"	-6,	"		L
7053	"	-7	"		L
7054	"	-8,	"		L
7055	"	-9,	"		L
7056	"	-10,	"		L

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
667	F3-B55124A36-1, BBT50 x Fi (BBT50 x B502A2-113)				7057
L	"	-2,		"	7058
L	"	-3,		"	7059
BBT 50					7060
667	F3-B55124A36-4, BBT50 x Fi (BBT50 x B502A2-113)				7061
L	"	-5,		"	7062
L	"	-6,		"	7063
✓	"	-7,		"	7064

A38 = 3170 iodine in F1

A39 = 3270 " " "

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
7065	F2-B55124A38-1, BB150 x F1 (BB150 x BS02A2-113)					
						166
7066	"	-2,	"			✓
7067	"	-3,	"			✓
7068	"	-4,	"			✓
7069	"	-5,	"			✓
7070	"	-6,	"			✓
7071	"	-7,	"			✓
7072	"	-8,	"			✓

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
F3-B55124A38-9, BBT50 x F, (BBT50 x B502A2-113) 669					7073
F3-B55124A39-1, 670				"	7074
" -2,			27	"	7075
↑ V green leaves, much less CO than BBT50 The best rows in this cross ↓					
" -3,			29	"	7076
↑ Nbr Pan 10/9					
" -4,				"	7077
" -5,				"	7078
" -6,				"	7079
CP 231					7080

A39 = 3270 introduced in F₁

F₃-B55124A39-7, BBT50x F₁ (BBT50 x B502A2-113)

7081

Pan 10/9

v green leaves & v little Co
but rather tall

31

167

7082

" -8,

"

31

7083

" -9,

"

27

Pan 10/9

7084

" -10,

"

	Date		Plant hgt. (in.)			
	1st Head	Full Kipe				
F ₃ -B55132A1)-1, BBt50 x F, (PI-175,474 x BBt50)						7101
	"	-2,		"		7102
	"	-3,		"		7103
	"	-4,		"		7104
	"	-5,		"		7105
	"	-6,		"		7106
	"	-7,		"		7107
	"	-8,		"		7108

appear to be typical BBt 50 types, possibly not a cross

A1 = 50 90 rodnie in F1

A3 = 42 70 " " "

A4 = 52 70 " " "

Date		Plant hgt. (in.)
1st Head	Full Ripe	

F3-B55132A1-9, BBt50 x F, (PI-175, 474 x BBt50)

7109

167

F3-B55132A2-1,

7110

"

55

1673

Pan 10/9

v little co

" -2

"

55

7111

Pan 10/9

v little co

" -3,

"

47

7112

Pan 10/9

v green leaves 10/9 voco

" -4,

"

32

7113

Pan 10/9

v green leaves 10/9 v little co

" -5,

"

41

7114

Pan 10/9

v green leaves 10/9 v little co

F3-B55132A4-1,

7115

"

65

167

Pan 10/9

" -2,

"

56

7116

Pan 10/9

A6 = 37% iodine in F,

A2 = 25% " " "

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
7125 Pan 10/9	F3-B55132A6-1, BBT50 x F, BBT5		PT-175.474 x BBT50	35	167%
7128 Pan 10/9	"	-2,	"	46	L
7127	"	-3,	"		L
7128 Pan 10/9	"	-4,	"	41	L
7129 Pan 10/9	"	-5,	"	38	L
7130 Pan 10/9	"	-6,	"	36	L
7131 Pan 10/9	"	-7,	"	29	L
7132 Pan 10/9	"	-8,	"	26	L

Date		Plant			
1st Head	Full Ripe	hgt. (in.)			
F3-B55132A6-9, BBT50 x F, (PT-175, 474 x BBT50)					7133
677	V bad for smut.	30			Pa 10/9
"	-10,	27		"	7134
					Pa 10/9
F3-B55130A2-11 (BBT500 x PT184676) x BBT50		B 5452A			7135
679					
"	-2,				7136
"	-3,			"	7137
"	-4,			"	7138
"	-5,			"	7139
Bht 50					7140

v tall + 9 no economic value

Date	
1st Head	Full Ripe

Plant hgt. (in.)

Iodine
 $\frac{56}{57}$

7141 F3-B55130A2-6, (P150 x P170476) x B175
 3030 lb, not headed 26 167

Pan 10/9

7142 " -7, 32 L

Pan 10/9

7143 " -8, 33 L

Pan 10/9

7144 " -9, 24 L

7145 " -10, 31 L

7146 C.I. 8985, Laine
 (U.S.) 7/25

W.C.
 Entry
 490

7147 " 11 ✓

7148 " 11/20 ✓

W.C. entry #	Date		Plant hgt. (in.)	Iodine		
	1st Head	Full Ripe				
P.I. 233085, Nahda (U.m. 47) 4702 (Egypt)				56 57		7149
"						7150
"						7151
P.I. 226304, Agami Mont. 1 4703 (Egypt)						7152
"						7153
"						7154
P.I. 226305, 4704 (Egypt)				Diza 14 52		7155
"				52		7156

	Date		Plant hgt. (in.)	Iodine	W.C. Embry
	1st Head	Full Ripe			
7157	P.I. 226305, (Egypt)	Aug 14 52	14 52	56 57	470
7158	P.I. 233083, Nabatat Asmer (Egypt)				470
7159	"				
7160	"				
7161	P.I. 226307, Sabaini (Egypt) 7/14			51	470
7162	" 7/14			51	
7163	" 7/14			51	
7164	P.I. 233087, Co. 26 (India)				470

D.C. Entry #	Date		Plant hgt. (in.)	Iodine		
	1st Head	Full Ripe				
P.I. 233807, Co. 26 707 (India)				<u>56</u> 57		7165
"				Too late		7166
P.I. 221109, B.J.-1 708 (India)						7167
"				Too late		7168
"						7169
P.I. 221112, S.M.-8 709 (India)						7170
"				Too late		7171
C.I. 8990, Bluebonnet 50 710				<u>42</u>		7172
				Par 11/20		

	Date		Plant hgt. (in.)	Iodine 56/57	W.C. Entry
	1st Head	Full Ripe			
7173	C.I. 9990, Bluebonnet 50			<u>42</u>	4716
7174	"			<u>42</u>	✓
7175	P.I. 233893, S.M.-6 (India)			—	4711
7176	"			—	✓
7177	"			—	✓
7178	P.I. 233890, AKP-8 (India)			<u>66</u>	4711
7179	"			—	✓
7180	"			—	✓

W.C. Entry	Date		Plant hgt. (in.)	Iodine		
	1st Head	Full Ripe				

P.I. 233891, AKP-9
713 (India) 7181

" 7182

P.I. 233892, Co.-13
714 (India) 7183

" 7184

	Date		Plant hgt. (in.)	Iodine	W.C. Entry
	1st Seed	Full Ripe			
7201	P.I. 233889, ADT-10 (India)			<u>56/57</u> <u>56</u>	47
7202	"			<u>56</u>	✓
7203	"			<u>56</u>	✓
7204	P.I. 233289, Peta (Indonesia)			<u>47</u>	47
7205	"			<u>47</u>	✓
7206	"			<u>47</u>	✓
7207	P.I. 220725, Bengawan (Indonesia)				47
7208	"				✓

V. L. H. E.

Nov 11/20

Nov 11/20

C. entry #	Date		Plant hgt. (in.)	Iodine 56 57		
	1st Seed	Full Ripe				
P.I. 220725, Benguan 717 (Indonesia)						7209
P.I. 220725, Intan 718 (Indonesia)						7210
"						7211
"						7212
P.I. 220750, Salak 719 (Indonesia)						7213
"						7214
"						7215
C.I. 15614, Caloro 720						7216

	Date		Plant hgt. (in.)	Iodine	W.C. Entry
	1st Head	Full Ripe			
7217	C.I. 1561-1		Calao	<u>56/57</u>	4720
7218	"			<u> </u>	✓
7219	P.I. 220754, (Indonesia)		Tjahaja	<u>46</u>	472
7220	"			<u>46</u>	✓
7221	"			<u>46</u>	✓
7222	P.I. 233159, (Indonesia)		Sigadis	<u>47</u>	472.
7223	"			<u>47</u>	✓
7224	"			<u>47</u>	✓

Nov 11/20
↓

DID NOT FILL OUT

Nov 11/20
↓

C. try #	Date		Plant hgt. (in.)	Iodine	
	1st Seed	Full Ripe			
				<u>56</u> <u>57</u>	
	P.I. 233156, Remadja			<u>45</u>	7225
	723 (Indonesia)				
	"			<u>45</u>	7226
	"			<u>45</u>	7227
	P.I. 233158, Djina			<u>47</u>	7228
	724 (Indonesia)				
	"			<u>47</u>	7229
	"			<u>47</u>	7230
	P.I. 220745, MAS			<u>46</u>	7231
	725 (Indonesia)				
	"			<u>46</u>	7232

	Date		Plant hgt. (in.)	Iodine	w.c. Entry 0
	1st Head	Full Ripe			
7233	P.I. 220745, (Indonesia)		MAS	<u>56</u> 59 46	472
7234	C.I. 7787,		Zenith	<u>49</u>	472
7235	"			<u>49</u>	✓
7236	"			<u>49</u>	✓
7237	P.I. 233917, Buen Ketan (Philippines)			<u>47</u>	472
7238	"			<u>47</u>	✓
7239	P.I. 210982, (Costa Rica)		E.P. Sel. 1028 P	<u>53</u>	472
7240	"			<u>53</u>	✓

L.W.C. Entry #	Date		Plant hgt. (in.)	Iodine		
	1st Bead	Full Ripe				
1728 P.I. 210983, E.P. 5e1 1028P 2428 (Costa Rica)			10 1/20	<u>56</u> 57		7241
P.I. 210984, L.W. 13-II-3 1729 (Costa Rica)				<u>46</u>		7242
7/26						
✓ 7/26			16 1/20	<u>46</u>		7243
✓ 7/25				<u>46</u>		7244
C.I. 8993, Century Patna 231 4730				<u>51</u>		7245
✓ "			16 1/20	<u>51</u>		7246
✓ "				<u>51</u>		7247
P.I. 224651, Ishikari - Shirobe 4731 (Japan)			7/4	<u>52</u>		7248
6/25			16 1/20			

	Date		Plant hgt. (in.)	Iodine		W.C. Entry
	1st Head	Full Ripe		56	57	
7249	P.I. 224651, (Japan)	↑	Ishikari-Shiroke	52		4731
7250	"	16 11/20		52		✓
7251	P.I. 226167, (Japan) 7/24	↑	Rijisaku	52		473.
7252	" 7/24	16 11/20		52		✓
7253	P.I. 224857, (Japan) 7/25	↑	Norin	17 48		473.
7254	" 7/25	16 11/20		48		✓
7255	" 7/25	↑		48		✓
7256	P.I. 224864, (Japan)	16 11/20	Norin 23			473

V.C. Study #	Date		Plant hgt. (in.)	Iodine		
	1st Moed	Full Ripe				
P.I. 224864, Naren 22 734 (Japan)				56/57		7257
"						7258
P.I. 226157, Ayanishiki 735 (Japan)						7259
"						7260
"						7261
P.I. 224839, Kanto 51 736 (Japan) 7/24						7262
" 7/24						7263
" 7/24						7264

	Date		Plant hgt. (in.)	Index 56/57	W.C. Entry
	1st Seed	Full Ripe			
7265	P.I. 224900, <i>Sensho</i> (Japan) 1/24				473
	16u 11/20				
7266	C.I. 7787, <i>Zenich</i>				474
7267	"				✓
7268	"				✓
7269	P.I. 220259, <i>Milek Kuning 3</i> (Malaya)				474
7270	"				✓
7271	P.I. 233660, <i>Seri Raja</i> (Malaya)				474
7272	"				✓

P.C. No.	Date		Plant hgt. (in.)				
	1st Head	Full Ripe					
✓ 4743							
P.I. 233660, Seri Raja (Malaya)							7273
✓ 4744							
P.I. 220258, Mayang Sagumpal (Malaya)							7274
✓		"					7275
✓		"					7276
✓ 4745							
P.I. 220261, Nachin II (Malaya)							7277
✓		"					7278
✓		"					7279
✓ 4746							
C.I. 8985, Lacrose							7280

No 11/20

Date		Plant
1st Head	Full Ripe	hgt. (in.)

W.C.
Entry

7281

C.I. 8985, Lacrosse

474

7282

"

Nov 11/20 →

✓

7283

C.I. 9075

Nov 11/20 —

474

med-gr

7284

"

Nov 11/20 —

✓

med-gr

W.C. Entry #	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
4747 C.I. 9075 P. gn.						7301
✓ P. gn.	"					7302
4748 C.I. 9045						7303
✓	"					7304
✓	"					7305
4749 C.I. 9155 7/24						7306
✓ 7/24	"					7307
✓ 7/24	"					7308

	Date		Plant hgt. (in.)			W.C. Entry
	1st Head	Full Ripe				
7309	C.I. 1779, Ruxard					475
7310	"		Nov 11/20			✓
7311	"					✓
7312	C.I. 9249					475
7313	"		Nov 11/20			✓
7314	"					✓
7315	C.I. 1561-1, Calero					475
7316	"		Nov 11/20			✓

V.C. Entry #	Date		Plant hgt. (in.)				
	1st Head	Full Ripe					
4752	C.I. 1561-1,		Calero				7317
4753	C.I. 1344,		Fortuna				7318
✓	"						7319
✓	"						7320
4758	P.I. 220269, Siam 27 (Malaya)						7321
✓	"						7322
4759	C.I. 8970 (China)		Sha - Liao - Tsao				7323
✓	"						7324
End on 7323							

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
C.I. 5309					↑	7333
"						7334
"					1 1/4	7335
"						7336
"					↓	7337
C.I. 8970 P						7338
	6/18	7/30			K. 8/14	
"	6/20				8/14	7339
"	6/20				8/14	7340

Date		Plant
1st Head	Full Ripe	hgt. (in.)

7341 C.I. 8970 D
6/18

7342 " "
6/21

7343 " "
6/20

7344 " "
6/20

7345 " "
6/20

7346 " "
6/20

7347 " "
6/20

7348 " "
6/20

8/14

South

W.C.

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
7357	P.I. 180061 7/12					w.e
7358	" 7/12					
7359	" 7/2					
7360	" 7/23					
7361	" 7/23					
7362	P.I. 184675 7/25					
7363	" 7/25					
7364	" 7/25					

Ken. bull 8/14

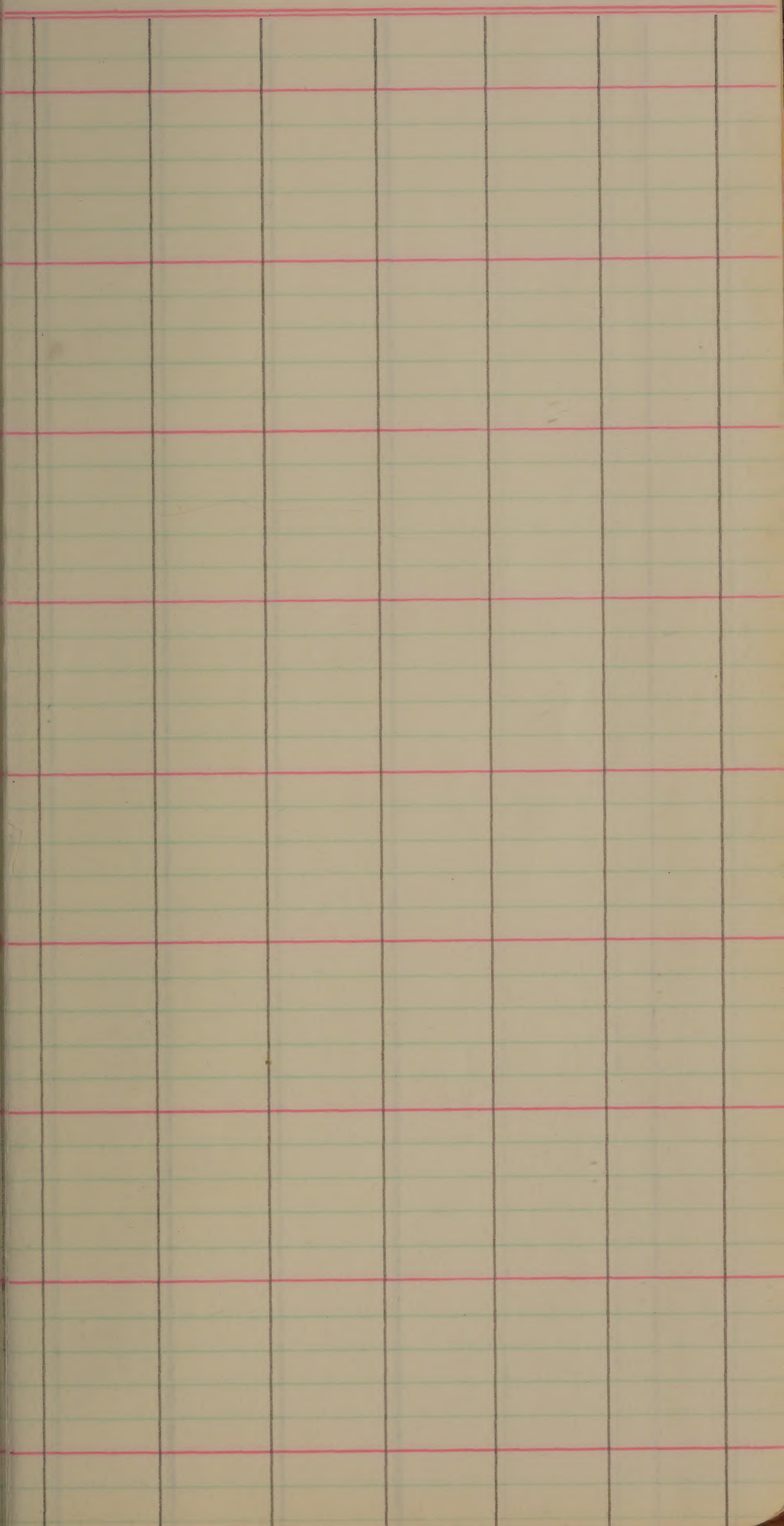
Ken 11/2

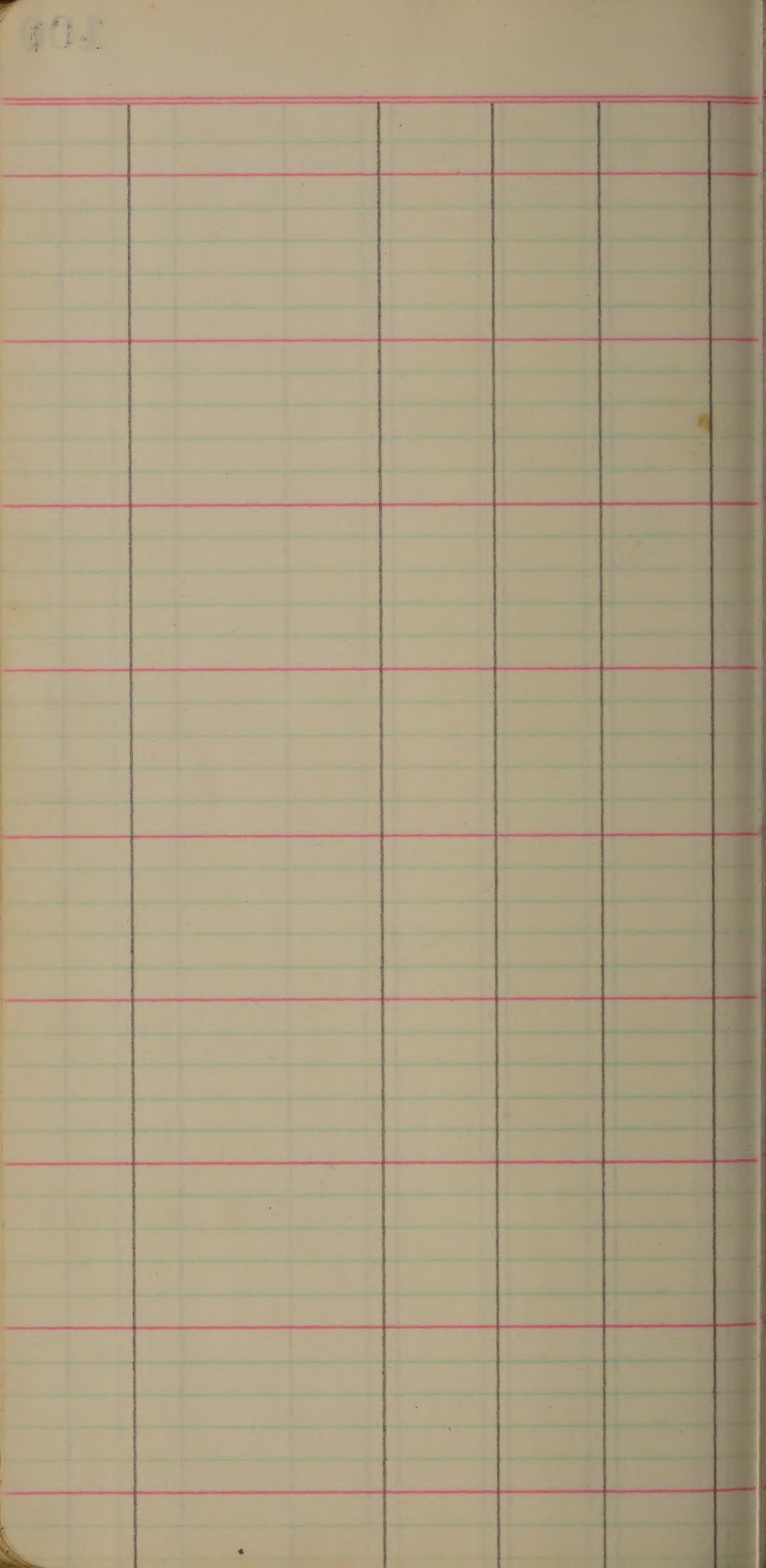
P.I.	Date		Plant hgt. (in.)				
	1st Head	Full Ripe					
184675	7/25		↑				7365
"	7/25						7366
"	7/25						7367
"	7/25						7368
"	7/15		1 1/1				7369
"	7/25		1 1/2 inches				7370
"	7/25		↓				7371
"	7/15						7372

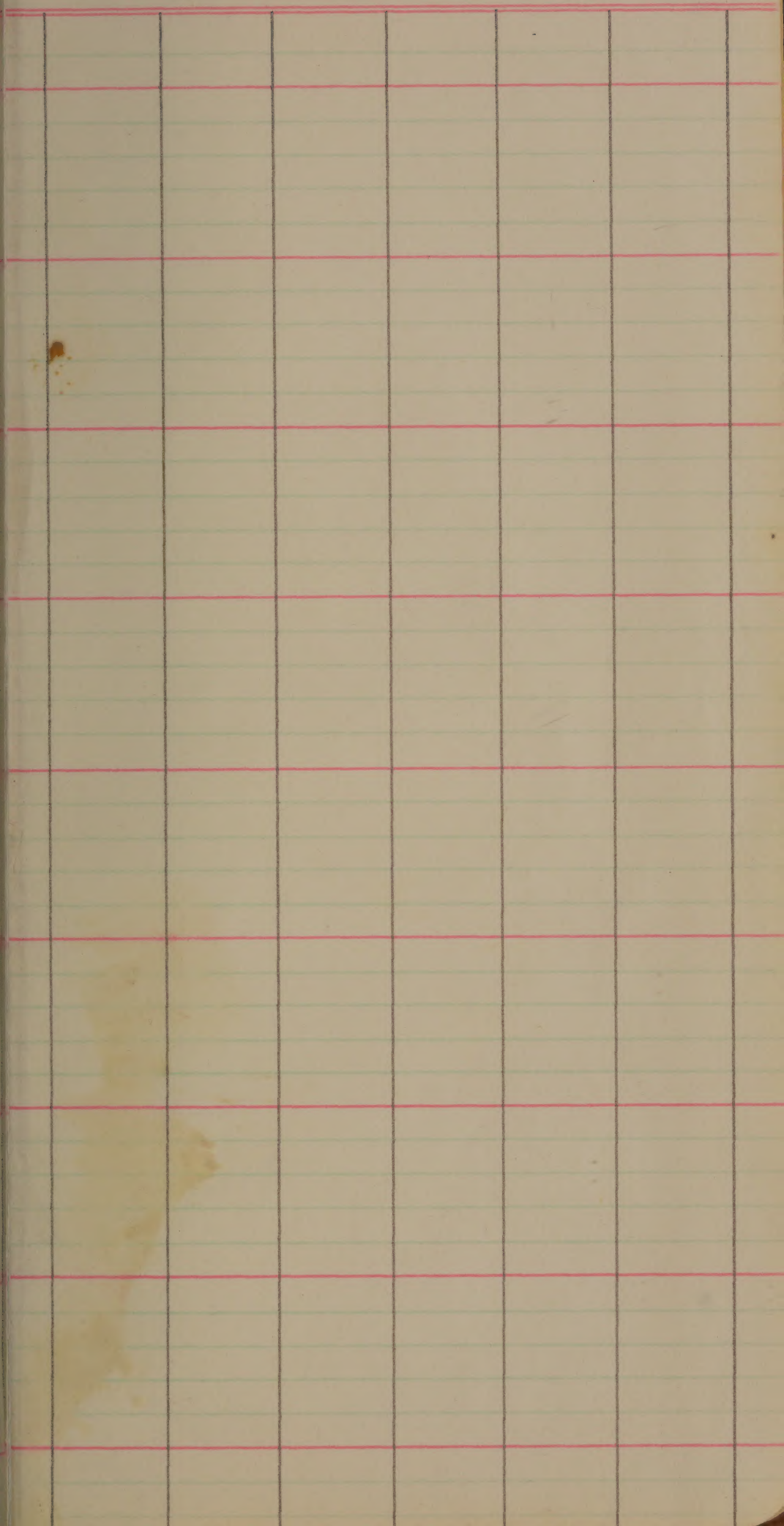
	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
7373	P.I. 184675 7/25			↑		
7374	P.I. 184676 7/25			↑		
7375	" 7/25					
7376	" 7/25					
7377	" 7/25					
7378	" 7/25			11/11		
7379	" 7/25			1/br Dutch		
7380	" 7/25			↓		

	Date		Plant hgt. (in.)				
	1st Head	Full Ripe					
P.I. 184676				↑			7381
7/25							
"							
7/25				↑			7382
"				↑			
7/25				↑			7383
"				↑			
7/25				↑			7384

180					
181					
182					
183					
184					
185					
186					
187					
188					
189					
190					
191					
192					
193					
194					
195					
196					
197					
198					
199					
200					







3518 is highly R to H.D.

Bulk.

6134 ✓
 35 ✓
 36 ✓
 37 ✓
 38 ✓
 39 ✓
 41 ✓
 42 ✓
 43 ✓

Nov 9/18

6164 ✓
 6171 ✓
 74 ✓
 77 ✓
 79 ✓

6462 ✓
 6467 ✓

5801 + up not Ho
 prior to 9/20, unless
 so designated, make up
 a list to Ho

6483

FC-6
(1-55)

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
Field Crops Research Branch

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SAMPLE PAGE

VARIETAL TEST OF OATS, 1908

CONDITIONS OF EXPERIMENT

PLOT

Location-----Field H.

Size-----1/20 acre.

SOIL

Kind-----Prairie loam.

Position-----Somewhat rolling.

Previous crop-----Corn.

NAME AND CONDITION OF MACHINERY

Plow-----

Disk-----Osborn-----Sharp.

Harrow-----U Bar-----Good.

Seeder-----Monitor-----Good.

SEED

Variety-----Variable.

Weight per bushel-----Variable.

Source-----Variable.

Treatment-----Fanned clean and treated for smut.

SEED BED

Preparation:

1. Disked (lapped half)-----4-6-'08.

2. Disked (lapped half)-----4-10-'08.

3. Harrowed-----4-10-'08.

4. Harrowed-----4-27-'08.

5. Seeded-----4-27-'08.

6. Harrowed-----4-27-'08.

SEEDING

Manner-----Drilled.

Date-----4-27-'08.

Rate-----3 bushels per acre by weight.

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

----- TEST OF -----, 19-----

CONDITIONS OF EXPERIMENT

PLOT

Location-----

Size-----

SOIL

Kind-----

Position-----

Previous crop-----

NAME AND CONDITION OF MACHINERY

Plow-----

Disk-----

Harrow-----

Seeder-----

SEED

Variety-----

Weight per bushel-----

Source-----

Treatment-----

SEED BED

Preparation :

1. -----

2. -----

3. -----

4. -----

5. -----

6. -----

SEEDING

Manner-----

Date-----

Rate-----

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
	P.I 184676 a					w.e.
7401						
7402	"					
7403	"					
7404	"					
7405	"					
7406	"					
7407	"					
7408	"					

	Date		Plant hgt. (in.)				
	1st Head	Full Ripe					
P.I.	184676A						7409
"							7410
"							7411
P.I.	"						7412
P.I.	201902						7413
"							7414
"	7/25						7415
"							7416

See 11/1

	Date		Plant hgt. (in)			
	1st Head	Full Ripe				
7417	P. I. 201902					
7418	"					
7419	"					
7420	"					
7421	"		for 1/11			
7422	"					
7423	"					
7424	"					

Date		Plant
1st Head	Full Ripe	hgt. (in.)

P.I. 201903

7425

"

7426

"

7427

"

7428

"

7429

"

Nov 1/11

7430

"

7431

"

7432

Date		Plant hgt. (in)
1st Head	Full Ripe	

7433

P.I. 201903

4/11

7434

"

7435

"

7436

"

↓

7437

P.I. 201907

7438

"

7439

"

4/19/10

7440

"

	Date		Plant hgt. (in.)				
	1st Head	Full Ripe					
P. L.	201907						7441
"							7442
"							7443
"							7444
"			12/10				7445
"			Nov				7446
"							7447
"							7448

	Date		Plant hgt. (in.)			
	1st Seed	Full Ripe				
7449	P.I. 23/1/26					
7450	"					
7451	"					
7452	"					
7453	"					
7454	"					
7455	"					
7456	"					

	Date		Plant hgt. (in.)				
	1st Head	Fall down					
P.I.	23/126						7457
"							7458
"			14 11/16				7459
"							7460
3rd to 5th 2254	X12 - to, X-15, CP231						7461
5982							
"							7462
"							
X-12 to X-15, CP231, 3 2254, 16 hrs.							7463
9254							
"							7464

* The irradiated selections appearing here were sown, also, in the St. Hel. nursery.

	Date		Plant hgt.	Bmt. '58 Row No.
	1st Seed	Full Fl.		
7465	X-22, CP231, 3 225-1, 16 hrs.			9263
7466	"			"
7467	X-22 - X-28-5, CP231, 3 225-1, 16 hrs.			9268
7468	"			"
7469	X-27-4-21, CP231, 3 225-1, 16 hrs.			9272
7470	"			"
7471	X-29 to X-35, CP231, 3 226-1, 20 hrs.			9275
7472	"			"

Int. 58 Cow No.	Date		Plant hgt. (in)				
	1st Head	Full Ripe					
9277	X-29 - X-35-2, CP231, 3 226-1, 20 hrs.						7473
"	"						7474
9282	X-37 to X-44, CP231, 3 226-1, 20 hrs.						7475
"	"						7476
9302	X-45 to X-56, CP231, 3 226-1, 20 hrs.						7477
"	"						7478
9313	X-133 to end of treatment X-140, CP231 25,000 units						7479
CP 231							7480

Brnt 56
Row No.

Date		Plant hgt. (in.)
1st Head	Full Ripe	

7481 X-133 to end of treatment X-140, CP 231
25,000 ~ 9313

7482 X-56 to X-64, CP 231, Mixture of 226-1
20 hu & 15,000 ~ 9320

7483 " "

7484 X-65-X-71-3, CP 231, 15,000 ~ 9324

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
7509	X-85 to X-88, CP231,		20,000	u		9342
7510	X-93-1-1, CP231		20,000	u		9354
7511	"					"
7512	X-93-1-4, CP231,		20,000	u		9359
7513	"					"
7514	"					"
7515	"					"
7516	X-98-3-1, Sterile, CP231,		20,000	u		9364
	Kohut					

	Date		Plant hgt. (in.)				
	1st Head	Full Ripe					
364	X-98-3-1, Sterile, CP231, 20,000 ~						7517
	V-shut						Pan 10/9
370	X-99-1-1, CP231, 20,000 ~						7518
"	"						7519
380 50							7520
1/4	X-103 to X-112-3, CP231, 20,000 ~						7521
"	"						7522
1/26	-112-3-3, Natural Cross, CP231, 20,000 ~						7523
"	"						7524

	Date		Plant hgt. (in.)			
	Lot Seed	Full Ripe				
77525	X-112-3	Tall mod. gr. smooth, glot.	CP 231			
	pan 10/4	Pink not glot.	20,000 w.			9435
		Test for: Hoja Blanca Has very tough skin like pap				
77526	"	"				"
	pan 10/9					
7527	X-145-3-4	01	X-146-3-4, Bbt 50, 3225-1, 16 ha.			
			U. sh. plant 9467			
7528	"	"				"
	pan 10/4					
7529	X-154-2-3	Bbt 50, 3225-2, 16 ha.				
			Shattering Type 9521			
7530	"	"				"
		Tall or normal ht				
7531	X-154-3-4-1	Bbt 50, 3225-2, 16 ha.				
			Shorts. 9526			
7532	"	"				"
		Short ht				

	Date		Plant hgt. (in.)			
	1st Seed	Full Seed				
7535	X-155-1-4,	B6t50,	3225-2,	16 Hrs.	Normal	7533
"	"	"	"	"	normal for	7534
7536	X-155-1-5,	B6t50,	3225-2,	16 Hrs.	Normal	7535
"	"	"	"	"	gold bulb	7536
7537	X-155 to X-163-7,	B6t50,	3225-2,	16 Hrs.		7537
"	"	"	"	"	normal	7538
7539	X-156 - X-168-11,	B6t50,	3225-2,	16 Hrs.		7539
"	"	"	"	"	normal for	
7540	C.I. 9/22					7540

Date		Plant
1st Head	Full Ripe	hgt. (in.)

7541 X-156 - X-168 - 11, Bbt 50, 3 225-2, 16 hrs. 9568

7542 X-157-3 - 4-4, Bbt 50, 3 225-2, 16 Hrs. V. sh. straw, Normal gr. length. 9582

7543

Par 10/9

1 short ht

"

7544

X-157-34-12, Bbt 50, 3 225-2, 16 Hrs.

V. sh. straw, Normal gr. length. 9607

Par 10/9

1 short ht

7545

"

"

7546

X-245-31-2, Bbt 50, 20,000 N

9669

Pr

7547

med-gr types
2 weeks later than
Bbt 50 got

"

7548

X-249-2-3-2, Bbt 50, 3 226-2, 20 Hrs.

Highly Sterile, No Co, Tail

9680

Par 10/9

normal Bbt 50, except for CO Cent

1st Row	Date	Plant hgt. (in.)				
680	X-249-2-3-2,	Bbt 50, 7226-2,	20 Hrs.	7549		
	Highly Sterile, No Co, Tall	Tail shorter than 7548				
761	X-225 - X-231-	Bbt. 50,	20,000 n.	7550		
	"					
	"					
768	X-225 to X-231-8,	Bbt 50,	20,000 n	7552		
	"					
	"					
811	X-258-1-2-2,	Bbt 50,	25,000 n	7554		
	Sh. Sturdy Sterile					
	"					
	"					
814	X-258-1-42,	Bbt 50,	25,000 n	7556		
	Shorter than Normal,	Sturdy Sterile				

	Date		Plant hgt. (in.)				
	1st Head	Full Ripe					
7557	X-258-1-4-2, Bbt 50, 25,000 v Shorter than Normal 9814 Sturdy Sterile						
7558	X-261 - X-268-8, Bbt 50, 25,000 v 9829						
7559	" "						
7560	CP 231						
7561	X-281-3-1-3, Bbt 50, 3 227-2, 25 Hrs. V. sturdy rather sh. straw 9845-						
7562	" "						
7563	BS112A1-14-1-2, Bbt X 28425 Bazar 9915-						
7564	" "						

	Date		Plant hgt. (in.)		
	1st Head	Full Elate			
B5/20 A1-2-2-1, Imp. Bbt x Gayad Bagan 926 (Hd) (R) Tail, late					7565
"		11			7566
B5/23 A1-2-2-1, Imp. Bbt x P.I. 180,060 933 Short, early					7567
"		11			7568
B54-668 (Clot. Rogue) 960					7569
"		11			7570
B49-4601-5A4. Bbt. Sel. 993					7571
"		11			7572

	Date		Plant hgt. (in.)			
	1st Good	Full Ripe				
77573	B49-4601-SAS,		B67.	Se/.		9975
7574	"					"
7575						
7576						
7577						
7578						
7579						
7580						

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
7601	C.I. 5094			30	5721
	NW 10/24 Pan 10/21				
7602	"			23	✓
	NW 10/24				
7603	"			24	✓
	NW 10/24				
7604	P.I. 173,602 (Turkey) 10/12		S ₂ C	22	5777
	Pan 10/10		1st plant hgt = 30 inches		
	sign on 2 gold hulls				
7605	"		R to CO	30	✓
	Pan 10/10		all strain hulls		
7606	"		mostly R to CO	72	✓
	Pan 10/10		sign. strain & gold hulls		
7607	B3781 B49-5, R ₁ 81C			35	5648
	10/30				
7608	"				✓
	R to CO by sign good teller				

Date		Plant		
1st	Full	hgt.		
Head	Ripe	(in.)		
B3781 B495		Rx 81C		7609
5645	10/30	43		
B501A1-26-9-2-2-1, B433 A2-6				7610
055	10/15			
"	10/16	30		7611
Vernal gold hulled long grain				Pan 10/2
56-9038, CP Seb	10/16	51	23	7612
038				Hv ✓ 10/17
"				Pan 10/10
earlier than adj. rows				7613
look like CP 231				
Lodged - 10/15 storm				
"				7614
B502A2-1131,		B433 X CP 231		7615
124				
"				7616

	Date		Plant hgt. (in.)	
	1st Head	Full Bloss		
7617	B502A2-113-1, 9/24		Blt x CP 231	9/24
7618	B502A2-113-1, 9/25		Blt x CP 231	9/25
7619	" "			✓
7620	10/12		73	CP 231
7621	B502A2-113-1, 9/25		Blt x CP 231	9/25
7622	B502A2-113-1, 9/26		Blt x CP 231	9/26
7623	" "			✓
7624	" "			✓

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
127	B502A2-113-1,	10/18	Blt x CP 231			7625
			trace lodged 10/15			
	"	10/18				7626
			trace lodged 10/15			
	"	10/18				7627
			Lodged early 10/15			
128	B502A2-113-1,		Blt x CP 231	47	25	7628
						Hv 10/17
				46	45	7629
						Hv 10/17
						Pan 9/25
	"	10/12	46	46		7630
						Pan 9/25
			many plants as early as CP 231			Hv 10/17
	"					7631
	"	10/12	49	A 41 B 44		7632
						Hv 10/17
			Early now Vigor, as early as CP 231			Pan 9/25 Pan 10/10

are some plants in these rows as early as CP 231

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
7633	B502A2-113-1,		Blt x CP 231			9/29
7634	"					✓
7635	"					✓
7636	B502A2-113-1,		"			9/31
7637	"					✓
7638	"					✓
7639	B502A2-113-1		47	31 (Planted) 9/32		
	Hr 10/24			24		
				Shorter than others		
7640				B250		

	Date		Plant hgt. (in.)				
	1st Head	Full Ripe					
132	BSD 2A2-113-1		Bb x CP 231				7641
	shorter stature than others	"					7642
145	BSD 2A3-89		Bb x CP 231				7643
		"					7644
		"					7645
	700 tall	"					7646
		"					7647
		"					7648

Trunk lodged 1 1/2 Chicks very ripe 10/20

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
7649	B502A3-100		B46 x CP 231		9/55
7650	"	"	44	17	✓
	Pan 10/10 Har 10/17 Show hulls hook on tip of glumes.				
7651	"	"			✓
7652	B502A3-106		"		9/75
7653	"	"			✓
7654	"	"			✓
7655	B55197A7-27-TP		9/22 149	659122 x TP	10567
	Pan 9/25 Har 10/10 Prohosp. grain length				
7656	"	"	9/22 149	21	✓
	Pan 9/25 Har 10/10 Seght & mat Revised in seed length with 8252-54 and grain length				

1st Head	Date Full Ripe	Plant hgt. (in.)	7657
B55197A7-27-4	9/22	But x CP 231 23	Jan 9/22
B502A3-106	9/22		7658
206	Shorter gr. length than prev. selo		7659
B502A3-106	10/13	^	7660
Shorter than prev.		10/9	7661
B502A3-106	10/18	"	7662
206	"	"	7663
"	"	"	7664

Trace lodged 10/15

		Date		Plant hgt. (in.)			
		1st Head	Fall Rice				
7665	B502A3-186.		10/18	Bht x CP 23)			9212
7666	Taller than other pairs Trace lodged 10/15	"	"				✓
7667		"	"				✓
7668			10/13	"			9217
7669	This dense shortest & best. much shorter than CP 23 & gold	"					✓
7670		"					✓
7671			10/16				✓
7672			10/16	Bht for green light good shape.	21	21	✓
					21	17	✓

Date		Plant hgt. (in.)			
1st Head	Full Ripe				
B502A3-106, 217		Bht x CP 23/ 19			7673
B502A3-106, 224		"			7674
"					7675
"					7676
"					7677
"					7678
"					7679
"					7680

250

much taller than tubet A3-106 line's

	Date		Plant hgt. (in.)		
	1st Seed	Full Rise			
7681	56-9016	O.C.P. 10/10	10/10		9016
7682	"	10/10	10/10	15	✓
7683	"	10/10	10/10		✓
7684	56-9017	10/10	10/10	22	9017

	Date		Plant hgt. (in.)		
	1st Head	Full buds			
56-9017	10/17	10/12	O.C. Patna	15	7701 Hr 10/24
"	"	"	"	15	7702 Hr 10/24
56-9032	10/32		O.C. Patna	15	7703 Hr 10/24
"	"	"	"	16	7704 Hr 10/24
"	"	"	"	17	7705 Hr 10/24
P.I. 199554 (El Salto)					
79 OR.G. C. Patna				15	7706 Hr 10/24
"	"			13	7707 Hr 10/24
"	"			14	7708 Hr 10/24

Date		Plant
1st	Full	hgt.
Head	Ripe	(in.)

~~P.I. 199,554 (E1 Sato)~~
 7709 ORIG. Cent. Patna 15 9081
 Nov 10/24 10/12

" "
 7710 13 ✓
 Nov 10/24

" "
 7711 13 ✓
 Nov 10/24

~~P.I. 199,554 (E1 Sato)~~
 7712 16 9082
 Nov 10/24

" "
 7713 14 ✓
 Nov 10/24

" "
 7714 14 ✓
 Nov 10/24

~~P.I. 199,554 (E1 Sato)~~
 7715 13 9083
 Nov 10/24

" "
 7716 16 ✓
 Nov 10/24

all O.C. Patina now lodged on 10/15
but 773440 did not lodge

18

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
083	P.I. 199,554 (E1 Sato)		15		7717 Ho 10/24
	ORIG. Century Patina				
087	P.I. 199,554 (E1 Sato)		15		7718 Ho 10/24
	"				
	"		14		7719 Ho 10/24
083/			44		7720 Ho 10/24
084	P.I. 199,554 (E1 Sato)		16		7721 Ho 10/24
	"				
104	P.I. 199,554 (E1 Sato)		14		7722 Ho 10/24
	"				
	"		15		7723 Ho 10/24
	"		17		7724 Ho 10/24

	Date		Plant hgt. (in.)		
	1st Good	Full Ripe			
7725	P.I. 199,554 (EI Sato)		17	✓	9107
	ORIG. Century Padua				
	10/12				
7726	"		16	✓	
	10/14				
7727	"		17	✓	
	10/14				
7728	P.I. 199,554 (EI Sato)		15	✓	9108
	"				
	10/14				
7729	"		14	✓	
	10/14				
7730	"		14	✓	
	10/14				
7731	P.I. 199,554 (EI Sato)		14	✓	9109
	"				
	10/14				
7732	"		14	✓	
	10/14				

	Date		Plant hgt. (in.)		
	1st Flwd	Full Ripe			
7741	B5417A1-7 -1		CP231x B502A2-154-2	22	8809
	Pan 9/25 sand earliest panicles				
7742	"	-2		30	✓
	Pan 9/25 sand earliest panicles				
7743	"	-3		22	✓
	Pan 9/25 sand earliest panicles				
7744	"				✓
	Pan 9/25 sand earliest panicles				
7745	"				✓
	Pan 9/25 sand earliest panicles				
7746	"				✓
	Pan 9/25 sand earliest panicles				
7747	B5461A1-2		(CP231xTP)x (CI9122xPT12461) B5320A1x B5387A1		7830
	Pan 9/25 sand earliest panicles				
7748	"				✓
	Pan 9/25 sand earliest panicles				

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
B5461A1-2 830				B5320A1 x B5387A1		7749
B5461A1-10 838 8/11				"		7750
" 8/11						7751
" 8/11						7752
B5461A1-12 841				"		7753
"						7754
"						7755
B5461A1-27 856				"		7756

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
7757	B5461A1-27	10/18	B5320A1X	B5387A1	7756
pan 10/23			42		
	Red seed coat				
7758	"				✓
7759	B5461A1-36	10/20	"	7866	
pan 10/23			29		
7760	Look like BBT 50 Vg. all 3 none as prof BBT 50 no longer 10/21	10/20	33	nutack	✓
7761	"	10/20			✓
7762	B5461A2-2		"	7872	
7763	"				✓
7764	"				✓

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
✓	B5461A2-3				B5320AK B5387A1	7765
✓	"					7766
✓	"					7767
✓	B5461A2-4				"	7768
✓	"					7769
✓	"					7770
✓	B5461A2-8				"	7771
✓	"					7772

	Date		Plant hgt. (in.)	
	1st Seed	Full Eripe		
7773	B5461A2-8		B5320A1 x B5387A1	7878
7774	B5461A2-9		"	7879
7775	"			✓
7776	"			✓
7777	B5461A3-1 Pan 10/23	10/20	26"	7925
7778	" Tough strong cone forming 9/19/23, rather flat	11/20		✓
7779	" Sep 100 + 125 day mat		38"	✓
7780	Pan 9/25	V short ht, deep gold sand earhest		
				CP 231

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
B5461A3-7 7931				B5320A1 x B5387A1	7781	
"		10/10	39		7782	
					Jan 14/23	
"					7783	
B5461A3-13 7937				"	7784	

1/2 shot hit, good shot, no CO

	Date		Plant hgt. (in.)		
	1st Hood	Full Ripe			
7801	B546/A3-13	Seg		B5320A1X B5327A1 93	7937
Pan 9/26	Said earlier V short ht, short flops. Seg 100 & 125 day not				
7802	"			89	✓
Pan 9/26	Like 7801, Said VE				
7803	B546/A3-15	Seg 100 & 125 da		33	7939
Pan 9/26	Panicles fail to emerge completely from sheath				
Pan 9/26	Said earlier V short ht rough, for leaf margin				
7804	"	9/30		24	✓
Pan 9/26	"				
7805	"				
7806	B546/A3-16			"	7941
7807	"				
7808	"				

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
B546/A3-21		10/24		B5320A1 x B5387A1	7809	
946				49	Pan 10/24	
V short bet. sturdy, only fair grain						
"					7810	
"					7811	
B546/A3-22				"	7812	
47						
"					7813	
"					7814	
B546/A3-32				"	7815	
57		Dec		27/21 (check rodini) took	Pan 10/24	
Same very early plants						
1E		10/10		33	7816	
Like 7817, except shorter grain						

	Date		Plant hgt. (in.)		
	1st Seed	Full Ripe			
7817	B5461A3-32		B5320A1 x B5387A1		
Hy 10/12		10/10	31		7957
Pan 10/24	per flr v gold, much shorter let than CP23, no lodging 10/24 x NOCO, v green stem, v good gr				
7818	B5461A3-34		48	20	7959
Hy 10/17	short let. v good.				
7819		10/1	54	14	✓
Hy 10/1	flop drop, BBt 50 let a taller, v uni, good				
7820	Blue bonnet, 50 check				BBt 50
Pan 10/23		10/20	32		
7821	B5461A3-34		53	19	7959
Hy 10/1					
7822	B5461A3-36		85		7962
Pan 10/22	no CO, good gr, tall, combed top				
7823		10/10	86		✓
Pan 10/23	no CO, good gr, tall, combed top				
7824			85		✓
Pan 10/24	excellent grain type but lodged 10/24 from CP let or st taller				

	Date		Plant hgt. (in.)		
	1st Head	Full tipe			
B5461A3-41				B5320A1 x B5387A1	
967		10/10			7825
"				78	7826
"				74	7827
B5461A3-49				"	
975					7828
"		10/10		34	7829
"		10/10		31	7830
B5461A3-50					
976E		10/10		49	7831
"					
"		10/10		28	7832

	Date		Plant Est. (in.)		
	1st Head	Full Ripe			
7833	B5461A3-50			B5320A1X B5387A	
	10/10			A=38 7976 I	
	Pan 10/24			B=39	
	Pan 10/23				
	Two grapes 7 Pan sound				
	1 good CP plant type, med gr				
7834	B5461A3-53			"	7979
	10/10				
	First plant let. CP type plant				
	1st cluster, slender cluster				
	no buds on 10/23				
	1 good plant type but poor				
	grain type (too short & ill shaped)				
7835	10/10			25	✓
	Pan 10/23				
7836	10/10			39	✓
	Pan 10/23				
	First plant let. CP type plant				
	1st cluster, slender cluster				
	no buds on 10/23				
	1 good plant type but poor				
	grain type (too short & ill shaped)				
7837	B5461A3-57				7984
	10/10				
7838	"				✓
	10/10				
7839	"				✓
	10/10				
7840					CP231

	Date		Plant hgt. (in.)				
	1st Seed	Full Ripe					
B546A3-65				B5320A1 X B5387A1		7841	
"				30		7842	
shorter hit than others						Jan 19/23	
"						7843	
B546A4-6				"		7844	
"						7845	
"						7846	
"						7847	
B546A4-8				"		7848	

	Date		Plant hgt. (in)			
	1st Head	2nd Head				
7849	B5461A4-8				B5320A1 x B5387A1	8022II
7850	"			16		✓
7851	"					✓
7852	"					✓
7853	" 10/18			22		✓
	Pan 10/23 Rather tall, large stems, long tillering good long gr. type, lodged 10/23					
7854	B5461A4-18					8032
7855	"					✓
7856	"					✓

	Date		Plant hgt. (in.)				
	1st Head	Full Ripe					
B5461A4-18 032					B5320A1 x B5387A1	7857	
B5461A4-21 035						7858	
"						7859	
B5461A4-21 035						7860	
B5461A4-21 035					"	7861	
B5461A4-37 052					"	7862	
"				22		7863	
"						7864	

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
7865	B5464A4-37	10/15	B5320A1x B5387	30	8052
Pan 10/23	Boggy lodged 10/23, 7 out leaf ripening sturdy stem, not too tall 10/1				
7866	"				✓
7867	"				✓
7868	B5464A1-9-1	10/12	H46 Mix (202)x Red CP2	30	8066
Pan 10/23	grain shorter than 7870, Red seed Coat v good short should CP type, no Co, grain				
7869	"	- 2 10/14		75	✓
Pan 10/23	Dep seed Coat shorter grain than 7870,				
7870	"	- 3 10/12		28	✓
Pan 10/23	v good Red seed Coat, no Co, shorter than CP, narrow leaves				
7871	B5464A1-13		"		8070
	Dep strain	"			
7872					✓
			Dep grain, dec		

	Date		Plant hgt. (in.)		
	1st Harvest	Full Ripe			
B5464A1-13 070				Hyb. Mix (202) x Red CP231	7873
B5464A1-29 103				"	7874
"				"	7875
"				"	7876
B5464A1-33-1 107		11/12	23	"	7877 Pan 10/23 Hv 10/24
"		-2 10/12	18		7878 Pan 10/23 Hv 10/24
"		-3 10/12	35		7879 Pan 10/23 Hv 10/24
CP231		10/12	66		7880 Pan 10/23

slow, tall, deep green

one vigorous CP231

sep. stem & gold
non red seed coat

non red seed coat

Red seed coat

CP231, stem mottled long gr, narrow leaves

Date	
1st Head	Full Ripe

Plant hgt. (In.)

7881

B5464A1-33-4

Hyb. Mix (202) x Red CP231

8107

7882

" -5

7883

" -6

7884

B5464A1-39-1

10/2 40

"
30

8113I

for 10/1

Pan 9/26 Sturdy stemmed Jap short bit, V good

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
✓	B5464A1-39-2 8/13 I	10/✓	40	Hyb Mix (202)x Red CP231 19	7901	Pan 10/24
	no co flag developing sturdy stem, short let				7902	
✓	"	-3			7903	
	fast developing				7904	
✓	"	-4			7905	Pan 10/24
✓	"	-5			7906	
✓	"	(sept 10/20) 6	16		7907	Pan 9/26
	Sturdy stem				7908	
✓	B5464A2-2-1 12-2	9/20			7909	
✓	"	Too tall 9/28	56		7910	
✓	cp let, medgy, short flag				7911	
	"				7912	

	Date		Plant hgt. (in.)		
	1st Head	Full Eggs			
7909	B5464A2-5-6	9/28	H ₄ b	M: x (102) x R. d CP23L 72	8125J
Pan 9/26	Segs. ht. still standing 10/25 Said shortest plant with shortest floop				
7910	"	7/28		73	✓
Pan 9/26	Segs. and coat color?				
7911	B5464A2-5-1				8125J
7912	"	-2	10/20	20	✓
Pan 10/24	flowered dry. shorter than CP Small stems, narrow leaves (high stem) Excellent CP grain type (like Jop)				
7913	"	-3	10/12	20	✓
Pan 10/24	med. gr. rough shorter pl. ht than CP231 Plant type 77912				
7914	"	-4	10/12	27	✓
Pan 10/24	much like 7912 but very short narrow floops				
7915	"	-5	10/12	29	✓
Pan 10/24	short ht. like 7912 (are v good Jop plant types) - Segs. rough + smooth, v good CP grain				
7916	B5464A2-8-1	10/12		A = 19 B = 24	8128
Pan 10/24	Longest gr. type W small stems, CP ht. less. taller than Jop				
Pan 9/26	Said v. larches, up 9/20, narrow leaves				

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
85464A2-8-2				Hyb Mix (202) x Red CP231		7917
Rough med-gr						
85464A2-17-1						7918
			24			Pan 10/24
Long gr (full) Smooth						
" -2,			15			7919
						Pan 10/24
Short gr. Smooth						
85464A2-17-3						7920
			30			Pan 10/24
85464A2-17-3,				Hyb Mix (202) x Red CP231		7921
" -4,						
			34			7922
						Pan 10/24
Smooth med-grain Volant Lt						
85464A2-19-1						7923
			25			Pan 10/24
				Segs seed coat color		
Tall (about CP Lt) Segs gr						
" -2						
			26			7924
				Segs seed coat color		Pan
Segs gran						
Like 7923, some good long gr types.						

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
7925	B5464A2-17 -3			H46 Mix (202) x Red CP231	25	8189
Par 10/24				Segs seed coat color		
	BP gr type, short ht.					
	" -4					
7926					19	
Par 10/24				Segs seed coat color		
	V good					
	Long gr Segs seed coat color					
	" -5					
7927					22	
Par 10/24				Segs seed coat color		
Up 10/24	V good long grain type					
	" -6					
7928						
7929	B5464A2-21 -1				"	8142
	" -V					
7930						
	" -3					
7931					19	
Par 11/2				Red seed coat		
	" -4					
7932					23 + 22	
Par 11/2				Red seed coat		
Par 9/26	much like 7934,					

	Date		Plant hgt. (in.)			
	1st Head	Fall Ripe				
B5464A2-21- 142				Hyb Mix (202) x Red CP 231		
				Red seed coat ¹⁷		7933
				Tall vigorous growing, productive		Pan 10/24
" - 6						
				Seg seed coat color ²⁶		7934
				Sound seed (ripe 9/28) CP. ht, straw sh willow		Pan 10/24
B5464A2-29 -1 50				"		Pan 9/26
						7935
" - 2						
						7936
" - 3						
						7937
						Pan?
B5464A2-38 -1 59				"		
						7938
" - 2						
				¹⁷		7939
						Pan?
231				⁶³		7940
						Pan 11/24

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
7941	B5464A2-38-3		H96 Mix (202) x Red CP231	24	8159
	Pan 10/24 no cp; wider than av. leaves v early threshed, 4-5" shorter than av. CP v sturdy, strong, fairly large stems,				
7942	B5464A2-42				8164
7943	"				✓
7944	"				✓
7945	B5464A2-58 9/28			28	8181
	v short florets, v short ht,				
	all Red seed coat		Segs and coat color		
	Pan 9/26 Sl taller than 7946 all sturdy straw				
7946	" -2			55	✓
			Red seed coat		
	Pan 9/26 Sl shorter ht than 7945, all Red seed coat				
7947	" -3				✓
	Pan?				
7948	B5464A2-72 -1				8211

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
B5464A2-72			✓	Hyb Mix (202) x Red CP231	7949
"		-3			7950
B5464A2-75				"	7951
B5464A2-80			✓	"	7952
"		-2,			7953
"		-3, 9/30		22	7954
"		-4, 9/25		20	7955
"		-5, 9/28		36	7956

14
 19
 that grain should show rather milky but
 not sticky the most japonicas
 not as hard to thresh as others
 ✓ hard to thresh
 Pa 9/26
 Pa 9/26
 Pa 9/26

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
7957	B5464A2-80-6, ^{5/28} Rather hard to thresh		Hyb Mix (202)*	Red CP231	8219
			54		
Pan 9/26	"	-7			
7958					✓
7959	B5464A 2-86 = 8			Prob 8 221	
Pan 3.					
7960	B5464A2-86 - BAY 50		"		8226
			32		
7961	B5464A2-86-2				8226
7962	"	-3			✓
Pan 3					
7963	"	-4			✓
7964	"	-5			✓

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
B5464A2-86-6 226				Hyb Mix (202) x Red CP 231		7965
" 7						7966
B5464A2-89-1 229				13		7967 Pan 14/2 Saver Smooth
" -2				17		7968 Pan 10/24 Saver Smooth 11/24/27
" -3 y good prod short & sturdy stramed						7969 Pan 10/24 Short grain (rough)
Like 7968 but smooth golds not as sturdy stramed						
B5464A2-90-1 30				A=21 Red Leaf cont B=26 Saver Smooth cont		7970 Pan 10/24 Pan 9/26
" -2 narrow floccs? Japanese? Yellow? Shave Rather tall, 3rd grain type, tall 1 long grain, pedicel cont, note tail as B5450						7971 Pan 10/24
"						7972

	Date		Plant hgt. (in.)				
	1st Head	Full Ripe					
7973	B5464A2-91-✓		Hyb. Mix (202) x Red CP231			8231	
Pan?							
7974	" - ✓						✓
7975	" - 3						✓
Pan							
7976	B5464A2-95-1		"			8235	
Pan							
7977	" - 2						✓
Pan 10/24		14/20	16 Segs seed coat color				
	not taller than CP231, standing better						
7978	" - 3						✓
Pan 10/24		10/20	13 Red seed coat color				
	v good CP grain type						
	Tall (CP 110 tall) with long stem						
7979	B5464A2-98-1					8238	
Pan 10/24			52 Segs. seed coat color				
	CP bit + not, some long gr type						
7980						CP231	

Date	Plant bgt. (in.)				
135464A2-98-2		Hyb M: x (202) x R. d CP 13			7981
" -3					7982
BS464A2-106-1		19			7983
47					
Short bit, top stem mostly green - grt					Pan 1 1/2
Faintly long on sand (from pan 1st)					
" -2					7984
					Pan?
					7985
					7986
					7987
					7988
					7989
					7990
					7991
					7992
					7993
					7994
					7995
					7996
					7997
					7998
					7999
					8000

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
8001	B5464A2-106			Hyb. Mix (202) x Red CP23	8247
8002	B5464A2-107-1 10/20			45	8248
8003	like 8003 " - 2 10/20			34	✓
8004	" - 3 1 good sample for types present, rather tall				✓
8005	" - 4				✓
8006	" - 5			19	✓
8007	" - 6				✓
8008	B5464A2-111 9/24			Red seed coat 20	8252

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
8252	B5464A2-111	9/24	✓	Hyb Mix (202)x	Red CP231	8009
	Refined coat, gap green skin, uniform	"	3	9/24	Red seed coat	8010
256	B5464A2-115	10/5	-1	42	"	8011
	✓ short striped gap, short flags	"	2	22	"	8012
	med-short gran	"			"	8013
265	B5464A2-123		-1	"	"	8014
	"		2			8015
	"		3			8016

	Date		Plant hgt. (in.)			
	1st Seed	Full Ripe				
8017	B5464A2-125-1	9/26	42	Hyb. 49.1 x (302 x 25) CP231	A 20 B 19	8267
Pan 10/24	much shorter quite uniform		hit the CP231	good		
He 10/24	a few stalks present, good		mat + grain type	grain		
8018	"	- 2 9/26			A=25 B=27	✓
Pan 10/24	Like 8017		shorter grain			
8019	"	- 3 9/26			A=21 B=17	✓
Pan 10/24	Like 8017		shorter grain			
8020					25	BBT50
Pan 11/2						
8021	B5464A3-5-1			"		8273
"	"	- 2				✓
8022	"				15	✓
Pan 11/2	Sowed a short hit large pl. Balance grain mat-gr		segs. seed coat			
8023	"	- 7				✓
8024	B5464A3-4-1			"		8272

	Date		Plant hgt. (in.)				
	1st Head	Full Ripe					
272	B5464A3-4		✓	Hyb Mix (202) X	Red CP 231	8025	
	"					8026	
273	B5464A3-5		-4			8027	
	Tall but standing much better than other lines		-5	14		8028	
			-6			8029	
279	B553A9			TPX B5316A+	F/C 29/22 X TP	8030	
	"					8031	
	"					8032	

	Date		Plant hgt. (in.)	F/C 9122XTP	
	1st Elead	Full Ripe			
8033	B553A/D		TPx B5316A+		8881
8034	"				✓
8035	"				✓
8036	B553A //			"	8882
8037	"				✓
8038	"				✓
8039	B553A/2			"	8883
8040					CP231

	Date		Plant hgt. (in)			
	1st Head	Full Ripe				
1883	B553A12				TPx B536A1	F1/CT9122 x TP) 8041
✓	"					8042
3908	B5437A11	9/24			"	8043
✓	"	9/24	50	$\frac{16}{16}$		8044 Nm 10/1 Pan 9/26
✓	"	9/24				8045
311	B5437A1-4	9/24			"	8046
✓	"	9/24				8047
✓	"	9/24	51	$\frac{17}{17}$		8048 Nm 10/1 Pan 9/26
one late plant						

	Date		Plant hgt. (in.)			
	1st Seed	Full Ripe				
8049	B5437A1-5	9/24		TPx B5316A1		8912
	am late plant					
8050	"					✓
8051	"					✓
8052	B5437A1-6			"		8913
8053	"					✓
8054	"					✓
8055	B5437A1-7			"		8914
8056	"					✓

	Date		Plant hgt. (in)			
	1st Head	Full Ripe				
914	B5437A1-7			TP x	B5316A1	8057
922	B5437A1-14	9/24	54	A=17"		8058
				B=16		Nr 10%
						Pan 9/26
✓	not as tall as mother good	9/24	50	22		8059
						Nr 10%
						Pan 9/26
8150				30		8060
						Pan 11/1
922	B5437A1-14	9/24		TP x	B5316A1	8061
				18		
						Pan 9/26
923	135437A1-15					8062
						8063
						8064

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
8065	B5437A1-19		TPx	B5316A1		8927
8066	"					✓
8067	"					✓
8068	B5437A1-20			"		8928
8069	"					✓
8070	"					✓
8071	B5437A1-22					8930
8072	"					✓

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
930	B5437A1-22			TP x ^(C19/22x7P) B5316A1	8073
931	B5437A1-23			"	8074
"	"			73	8075 NW
"	"			69	8076 NW
932	B5437A1-24	9/24	53	"	8077 NW 10/1 Pan 9/26
True corolla protuberance thinner & p. V-shaped	"	9/24	53	A=23 B=21 9/27	8078 NW 10/1 Pan 9/26
	"	9/24	52	19	8079 NW 10/1 Pan 9/26
	"			62	8080 Pan 11/1

8081

B5437A1-25

Plant
hgt.
(in.)

TPx B5316A1

FC9122xTP

8933

8082

11

8083

11

8084

B5437A 2-1B-1

7/24 46

12

20

8934

See 10/1

pan 7/26 shorter than average, good

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
934	B5437A2-1B-2	9/24	-2	TPX B5316A1 21	8101
	"	9/24	-3		8102
935	B5437A2-1-1		-1	25	8103
	"		-2		8104
	"		-3		8105
936	B5437A2-2-1		-1		8106
	"		-2		8107
	"		-3		8108

sterile plants present good for stock

F₁ (C19122xTP)

Pan 9/30

Pan 11/2

a late row

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
8109	B5437A2-3-1		TPx B5316A1	8937	
8110	" -2				✓
8111	" -3				✓
8112	B5437A2-4-1		"	8934	
8113	" -2				✓
8114	" -3				✓
8115	B5437A2-5-1		"	8939	
8116	"	Too Late			✓

	Date		Plant Hgt. (in.)		
	1st Head	Full Ripe			
939	B5437A2-5-3		3	TPx	8117
944	B5437A2-9-1			"	8118
	" -2				8119
	" -2				8120
944	B5437A2-9-3		53	TPx	8121
	9/24			17	
	Shorter lt than most, good,				
946	B5437A2-11-1			"	8122
	" -2				8123
	" -3				8124

F(C29122xTP)

B5316A

F(C29122xTP)

B5316A

Nov 10

Par 9/30

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
8125	B5437A2-12-1 <i>sep</i>		TPx B5316A1	8947	
8126	"	-2 <i>sep</i>			✓
8127	"	-3 9/24		22	✓
8128	Par 9/30 Small shorted plants B5437A2-18-1		"	8953	
8129	"	-2			✓
8130	"	-3			✓
8131	B5437A2-20-1		"	8955	
8132	"	-2			✓

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
155	B5437A2-20-3			TPX	F ₁ (CI9/22xTP) B5316A1 8133
156	B5437A2-21-1		9/24	27	" 8134
	Sowed some short lit plants, Row was rather short lit				Pan 9/30
	"	9/24	-2		8135
	Too tall				
	"	9/24	-3 54	29	8136 Nov 10
	Sowed some short lit plants				Pan 9/30
157	B5437A2-22-1				" 8137
	"		-2		8138
	"		-3		8139
231				60	8140 Pan 11/7

	Date		Plant hgt. (In.)			
	1st Head	Full Ripe				
8141	B5437A2-23-1			TP x B5316A1	F/CF 9/22 x TP	8958
8142	"	-2				✓
8143	"	-3				✓
8144	B5437A2-24-1				"	8959
8145	"	-2				✓
8146	"	-3				✓
8147	B5437A2-28-1			50	28	8964
8148	B5437A2-29-1			50	32	✓

An of very best color
 slender stem, thin
 most, all large stems
 V good gold grain
 Pan 9/30
 In 10/1

Date		Plant hgt. (in.)
1st Head	Full Ripe	

B5437A2-28-3

9/24 50

F1(CI9/22 x TP)
TP x B5316A1
37

8149

pan 9/30

B5437A2-29-1

8150

" -2

8151

" -3

8152

" -4

8153

pan 11/2

16

8154

8155

B5437A2-30-1

8156

These 3 rows look alike, prob not TP but very close to it, B54, note.

as prob from a CI 9278 cross

as then 52-52, 52, 54

5

6

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
8157	B5437A2-30-2		TPx B5316A1	8966	
8158	"	-3 9/24	48	21	8967
8159	B5437A2-30-1		48	21	8967
	No 10/1				
	Pan 9/20				
8160	"	-2 9/24			8968
8161	B5437A2-31-2		50	21	8967
	No 10/1				
	Pan 9/20				
8162	"	-3 9/24		22	8967
	Pan 9/30				
8163	B5437A2-32-1				8968
		9/24			
8164	"	-2 9/24			8968

F(CD9122 x TP)

Approx. taller than B5437A2-30-2

Too tall

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
B5437A2-32-3 968		9/24				F(19/22 x TP) TP x B5316A1 8165
B5437A2-34-1 970		9/24		28		8166
"	-2	9/24	48	33		Pan 9/30 8167 NW 10 Pan 9/30
"	-3	9/24		25		8168
B5437A2-35-1 971						Pan 9/30 8169
"	-2					8170
"	-3					8171
B5437A2-36-1 972		9/24	44	19		8172 NW 10 Pan 9/30

Shorter let than city roads

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
8173 Hr 10/1	B5437A2-36-2	9/24	46	TP x F₁(CP9122 x TP) B5312A1	8972
Par 9/30	"	-3 9/24	46	27	✓
8174 Hr 10/1					
Par 9/30					
8175	B502A2-113-1			♂ Parent	B5423A 8974
8176	"				✓
8177	"				✓
8178	B502A2-113-1				" 8976
8179	"				✓
8180					CP231

	Date		Plant hgt. (in.)				
	1st Head	Full Ripe					
B502A2-1131/ 976				Parent	B5423A	8181	
B502A2-1131/ 978						8182	
"						8183	
"						8184	
<i>Slender spined better than other ones on 11/2 (no lodging) Prob. T.C. must be at least 1st mud</i>				30	Jan 11/2		

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
8201	B502A2-113-1			Parent	B5423A	8981
8202	"					✓
8203	"					✓
8204	B502A2-113-1,				"	8982
8205	"					✓
8206	"					✓
8207	B502A2-113-1,					8983
8208	"					✓

flat except
no lodging 11/2, most then rows are
Bst 50 checked

	Date		Plant hgt. (in.)				
	1st Head	Full Ripe					
B502A2-113-1, 983				♂ Parent	B5423A	8209	
B502A2-113-1, 984				"		8210	
"						8211	
"						8212	
B55198A21-4-1 679		9/24		TP ₂ x F ₁ (B4512A1-32 x TP)	21	8213	
not as tall as adjacent						8214	
" - 2 9/24						8215	
" - 3 9/24						8216	
" - 4 9/24							
8214 et al lodged too tall							

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
8217	B55198A21-4-5		TP ₂ x F. (B452A1-32 x TP)	QF 9/22	10679
8218	"	-6			✓
8219	B55198A21-10-1			"	10702
8220	C Prout, left ink stain				BBT 50
8221	B55198A21-10-2				10702
8222	Too tall & ink stain, lodged 19/20		"	-3	✓
8223	"		"	-4	✓
8224	"		"	-5	✓

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
B55198A21-10-1 702					CI 9/22 TP ₂ x F ₁ (B4512A1-32 x TP)	8225
B55191A2-8-1 763					" "	8226
" -2 9/24						8227
" -3			49	24		8228 Hw 10 Pan 9/30
gold bulbs " -4			50	30		8229 Hw 10 Pan 9/30
gold bulbs " -5			48	22		8230 Hw 10 Pan 9/30
thorn bulbs " -6						8231
Sep. bulbs B55197A7-16-1 554					TP ₂ x F ₁ (B4512A1-32 x TP)	8232

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
8233	B55197A7-16-2		TP ₂ x F. (B452A7-32 x TP)	CI 9122	10554
8234	" - 3				✓
8235	" - 4				✓
8236	" - 5		9/24 47	24	✓
	Nov 10/1				
	Pan 9/30				
8237	" - 6		9/24	21	✓
	Pan 9/30				
8238	B55197A7-51-1		Sept	"	10558
8239	" - 2				✓
8240					CP231

	Date		Plant hgt. (in.)				
	1st Head	Full Ripe					
B55197A7-51-3 558							+P ₂ xF ₁ (B4512A1-32xTP) 8241
"			-4				8242
"		segr	-5				8243
"		segr	-6				8244
B55197A7-21-1 561							" 8245
"			-2				8246
"			-3				8247
"			-4				8248

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
8249	B55197A7-21-5		TP ₂ x F, (B4512A1-32x TP)		CT 9/12 ✓	10561
8250	"	-6 9/24	47	29		✓
Pan 9/30 shorter & sturdier than adj rows						
8251	B55197A7-27-1		9/24	22	"	10567
Pan 9/30						
8252	B502 A7-106		106	B502 x CP 231 9175		
8253	"	4	as standard but by height adj row, 9/12 full were removed with 7655-57	44		✓
8254	"	"				✓
8255	B55197A7-27-5		TP ₂ x F, (B4512A1-32x T)			10567
8256	"	-6				✓

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
B55197A7-34 -1 2574					CT 9/22 TP ₂ x F. (B4512A1-32 x TP)	8257
"			-2			8258
"			-3			8259
850				35		8260
B55197A7-34 -4 2574					TP ₂ x F. (B4512A1-32 x TP)	8261
"			-5	19		8262
"			-6		Pan 11/2	8263
B55197A7-36 -1 576					"	8264

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
8265	B55197A7-36-2			TP ₂ x F. (B4512A1-32xTP)	10576	
8266	"	-3				✓
8267	"	-4				✓
8268	"	-5				✓
8269	"	6				✓
8270	B55197A7-40-1			"	10581	
8271	"	-2				✓
8272	"	-3				✓

	Date		Plant hgt. (in.)				
	1st Head	Full Ripe					
B55197A7-40-4 581				TP ₂ x F. (B4512A1-32 x TP)			8273
	"		-5				8274
	"		-6				8275
B55197A7-43-1 584							8276
	"		-2				8277
	"		-3				8278
	"		-4				8279
231							8280

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
8281	B55197A7-43,			TP ₂ x F, (B4512A132 x T	10584
8282	"	-1			✓
8283	B55198A3-3,-1			"	10434
8284	"	-2			✓

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
8309	B55/98A3-4,-5	Segs	TP ₂ x F. (B45/12A1-32xTP)	10435	
8310	"	-6 10/3	52	23	✓
Nov 10/17 Pan 10/12 gold, 3 reg ht					
8311	B55/98A3-8-1	10/3	"	"	10439
8312	"	-2 10/3	45	21	✓
Nov 10/17 Pan 10/10 shorter & more uniform ht than others					
8313	"	-3 10/3	Segs ht	"	✓
8314	"	-4 10/3	"	22	✓
Pan 10/10 Same plants as later but boy row, Segs, gold & etc					
8315	"	-5 10/3	"	21	✓
Pan 10/10 shorter than average for ht					
8316	"	-6 10/3	49	21	✓
Nov 10/17 Pan 10/10 V good row shorter ht than most					

Date		Plant hgt. (in.)					
1st Head	Full Ripe						
B55198A3-17-1							TP ₂ x F. (B4512A1-32 x TP)
449							8317
	-2						8318
	-3						8319
	-4						8320
	-5						8321
	-6						8322

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
8325	B55/48A 3-23-3, <i>Seg</i>			TP ₂ x F. (B45/2A + 32 x TP) 10455	
8326	"	-4 <i>Seg</i>			✓
8327	"	-5 <i>Seg</i>			✓
8328	"	-6 <i>Seg</i>			✓
8329	B55/48A 3-31-1 10/3 46			<u>23</u>	10464
	<i>W 10/17</i> <i>Par 10/10</i> ✓ good now shorter hit the most				
8330	"	-2 10/3		<u>25</u>	✓
	<i>Par 10/10</i>				
8331	"	-3 10/3 45		<u>25</u>	✓
	<i>W 10/17</i> <i>Par 10/10</i> shorter hit the most				
8332	"	-4			✓

Date	Plant hgt. (in.)	
1st Head	Full Bloss	
B55198A3-31-5		TP ₂ x F, (B4512A1-32 x TP)
2464		8333
" -6		8334
B55198A3-37-1		"
0470		8335
" -2		8336
" -3		8337
" -4		8338
" -5		8339
550		8340

25

Pan 10/10

34

Pan 11/12

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
8341	B55198A3-37-6			TPXF, (B4512A132xTP.		10470
8342	B55198A3-41-1			"		10475
8343	"	-2				✓
8344	"	-3				✓
8345	"	-4				✓
8346	"	-5				✓
8347	"	-6				✓
8348	B55198A3-45-1			"		10478

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
B55198A34-3-2 0476		9-13-2		TP ₂ X F ₁ (B4512A1-32 X TP)	8349
" -3					8350
" -4 10/3		44	26		8351
sl. shorter than most " -5				Pan 10/10 Nov 10/17	8352
" -6					8353
B55198A3-46-1 0479				"	8354
" -2					8355
" -3 10/7		47	19		8356
				Nov Pan 10/1	

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
8357	B55/98A3-46-4		TP ₂ x F, (B45/12A1-32xT)		10479
8358	"	5			✓
8359	"	-6 10/7		20	✓
	Par 10/11	with CO, Prob a 10,507 line CP 231 - Check 10/15			CP 23
8360					
8361	B55/98A12-1-1	10/7		20	1050
	Par 10/11				
8362	"	-2 10/7		21	✓
	Par 10/11				
8363	"	-3			✓
8364	"	-4			✓

Date	Plant		Plant hgt. (in.)
	1st Head	Full Ripe	
B55198A12-1-5 0507			TP ₂ x F, (B4512A1-32 x T.P.) 8365
" -6			8366
B55198A12-6-1 0512			" 8367
" -2			8368
" -3			8369
" -4			8370
" -5			8371
" -6			8372

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
8373	B55178A12-7-1			TP ₂ x F ₁ (B4512A1-32 x TP) 10513		
		✓				
8374	"	-2				✓
8375	"	-3				✓
8376	"	-4				✓
8377	"	-5				✓
8378	"	-6				✓
8379	B55198A12-15			TP ₂ x F ₁ (B4512A1-32 x TP) 23 10522		
8380						BBT50

Date		Plant	
1st Head	Full Rise	hgt. (in.)	
B55198A12-15- 0522	✓	TP ₂ x F, (B4512A1-32 x TP)	8381

✓	"	-3	8382
---	---	----	------

✓	"	-4	8383
---	---	----	------

✓	"	-5	8384
---	---	----	------

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
8401	B55198A12-15-6 <i>sup</i>			TP ₂ x F, (B4512A1-32 x TP) 10522	
8402	B55198A4-1-1 10/3		47	19	10613
	Pan 10/1 Nov 10/1				
8403	"	-2 10/3	50	38	✓
	Pan 10/1 Nov 10/1				
8404	"	-3			✓
	Too tall				
8405	"	-4 10/3			✓
	Too tall				
8406	"	-5 10/3	51	16	✓
	Nov 10/17 Pan 10/11				
8407	"	-6			✓
8408	B55198A13-2-1			"	10625

1st Head	Full Ripe	Plant hgt. (in.)	
B55/98A/3-2-2 0625			TP ₂ x F. (B45/2A1-32 x TP) 8409
This family, many tall + P to L of plant leaf drying, plant better, st. John than VE Var.	"	-3	8410
"	"	-4	8411
"	"	-5	8412
"	10/4	-6	8413 23
B55/98A/3-5-1 0628	57	22	8414 10/17 Nov ✓
"	10/7	-2 55	8415 Nov 11/7 ✓
"	"	-3	8416 watch too tall but good on 10/11

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
8417	855198A13-5-4		54	TP ₂ XF, (B4512A1-32XTP)	
No 10/17		10/8		18	10628
Pan 10/11					
8418	"	-5	54		
Hr 10/17		10/8		18	✓
Pan 10/11	no CO, green leaves, v good. Cap Only at bottom (p 23) it shorter than apex now				
8419	"	-6	54		
No 10/17		10/8		20	✓
Pan 10/11					
8420		10/13	54		
Hr 10/17				61	CP231
Pan 10/11					
8421	855199A1-4:1		54		
Hr 10/17		10/6		16	10916
Pan 10/11					
8422	"	-2	54		
					✓
8423	"	-3	54		
Hr 10/17		10/5		18	✓
Pan 10/11					
8424	"	-4	54		
					✓

all now standing or 10/11

	Date		Plant hgt. (in.)				
	1st Head	Full Ripe					
B55199A1-4-5 2716		10/5	53	TP ₂ x F, (B4512A1-32 x TP)	16	8425	10/7 ✓
" -6						8426	Pan 10/11
B55199A1-7-1 2719				"		8427	
" -2						8428	
" -3						8429	
" -4						8430	
" -5						8431	
" -6						8432	

This family badly lodged on 10/11

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
8433	B55199A8-5-1		TP ₂ x F. (B4512A1-32 x T.P.)			
	✓ 10/17	10/6	54	24		10720
8434	"	-2				✓
8435	"	-3				✓
8436	"	-4 10/6	51	20		✓
	✓ 10/17					
8437	"	-5				✓
8438	"	-6				✓
8439	B55199A8-9-1					10732
8440	"	-2				BBS

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
B55199A8-9-3 932				TP ₂ x F, (B4512A1-32 x TP)	8441
"	-4	10/3	41	28	8442 10/17 Nw ✓ p m 10/11
"	-5				8443
"	-6				8444
"	-7	10/3	44	21	8445 10/17 Nw ✓ p m 10/11
Short let compared with most rows, watch					
B55199A9-8-1 942					
"	-2	10/3	47	19	8446 10/17 Nw ✓ p m 10/11
Segs like fruit. listed as headed, is prob 8447					
"	-2	10/3		18	8447 10/17 Nw ✓ p m 10/11
Short let like 8445 but segs let.					
"	-3				8448

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
8449	B55199A9-8-4	segs	TP ₂ x F, (B4512A1-32 x TP)	10742	
8450	" -5	segs			✓
8451	" -6	10/3	19		✓
	Pan 10/11				
	Segs lit Sued shortest				
8452	B55199A2-7-1		"	10751	
		↑			
8453	B55199A2-7-2				✓
8454	"	3			✓
		very full			
8455	"	4			✓
		all are			
8456	B55197A7-11-1	10/3	42	19	10549
	Pan 10/11				
	1 short lit				

Date		Plant hgt. (in.)			
1st Head	Full Ripe				
B55197A7-11-2 549		45	TP ₂ x F, (B4512A1-32 x TP)	18	8457 10/17 H _v ✓ Pan 10/11
"	-3	42		21	8458 10/17 H _v ✓ Pan 10/11
"	-4	44		18	8459 10/17 H _v ✓ Pan 10/11
231	10/13	44		52	8460 H _v ✓ 10/17 Pan 10/11
B55197A7-11-5 549	10/3	44		16	8461 H _v ✓ 10/17 Pan 10/11
"	-6 10/3	45		16	8462 H _v ✓ 10/17 Pan 10/11
B55200A15-3-1 636					8463
"	-2				8464

a very good family just as tall
as most. Very early flowering
than C. P. but even more
ripe 10/10

all rows of this line have short flops
Some also have very short flops

8465

BSS200A15-3-3

TP₂ x F. (B4512A-32 x TP
10636

8466

" -4

✓

8467

" -5

✓

8468

" -6

✓

8469

BSS200A15-5-1

"

10638

8470

" -2
10/3

18

✓

8471

" -3
10/3

15

✓

8472

" -4
Seq. lit.

14

✓

had for CO book chapter 10 for an.
Pan 10/11

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
1355200A15-5-5 638					TP ₂ x F. (B4512A1-32) TP)	8473
"		10/3	-6	12		8474 Pan 10/11
Higher S to C0 Says it has many short lt plants.						
1355200A15-9-1 643					"	8475
"		10/6	-2 49	20		8476 Hw ✓ 10/17 Pan 10/11
Less C0 and a larger grain type than TP						
"		10/6	-3 48	16		8477 Pan 10/11 Hw ✓ 10/17
"		10/6	-4 46	16		8478 11/17 Hw ✓ Pan 10/11
"		10/6	-5	17		8479 Pan 10/11
150				29		8480 Pan 11/2

	Date		Plant hgt. (in.)
	1st Seed	Full Ripe	
8481	B55200A15-9	10/6	TP ₂ x F, (B4512A1-32 x TP 18 10643
8482	B55200A20-6	7	10661
8483	"	-2	✓
8484	"	-3	✓

	Date		Plant hgt. (in.)				
	1st Head	Full Ripe					
B55200A20 -6-4 0661				TP ₂ x F ₁ (B4512A1-32 x TP)			8501
"		-5					8502
"		-6					8503
B5417A1-19-1 F ₄ 819				CP 231 x B5D2A2-154-2			8504
"		-2					8505
"		-3		14			8506 Pan 11/2
"		-4					8507
"		-5					8508

	Date		Plant hgt. (in.)		
	1st Seed	Full Ripe			
8509	B54/7A1-19-6		46	CP 231 x B502A2-154-2	8819
	Nov 11/7			11	
	Pan 11/2				
8510	" -7				
8511	" -8			8	
	Pan 11/2				
8512	" -9			9	
	Pan 11/2				
8513	" -10		45	12	
	Pan 11/2				
8514	" -11				
	Nov 11/7				
8515	" -12			15	
	Pan 11/2				
8516	B5417A 2-4		-7	39?	8830
	Pan 11/2				
	more green leaves 11/2, may be late				

This family may be earlier than 8516 and a family not as sturdy as CP & plants late

1st Head	Full Ripe	Plant hgt. (in.)	CP231x B502A2-154-2 8517
B5417A2-4		-25	
"		44 3	14 8518 Pan 1 1/2 Hr 1 1/7
"		47 4	20 8519 Pan 1 1/2 Hr 1 1/7
A231	10/17	49	35 8520 Taller & more lodged than 154-2 Pan 1 1/2 Hr 1 1/7
B5417A2-4		5	24 8521 Pan 1 1/2
"		6	20 8522 Pan 1 1/2 Hr 1 1/7
"		7	16 8523 Pan 1 1/2 Hr 1 1/7
"		8	20 8524 Pan 1 1/2

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
8525 <i>Pan 11/2</i>	B5417A2-4	- 9	47	CP231X 27	B502A2-15 883
8526 <i>Pan 11/2</i> <i>Jan 11/7</i>	"	10	47	21	✓
8527	5417A2(2)-34	- 1			" 8862
8528 <i>Pan 11/2</i> <i>Jan 11/7</i>	"	- 2	49	18	✓
8529 <i>Pan 11/2</i>	"	- 3		57	✓
8530 <i>Pan 11/2</i>	"	- 4		32	✓
8531	"	- 5			✓
8532 <i>Pan 11/2</i>	"	- 6		19	✓

*Taken & more breaking apart before the
Probs " further leaf drying than described"*

	Date		Plant hgt. (in.)			
	1st Seed	Full Ripe				
B54/8A2-5-7 7305				CP231X	B502A2-113-1	8533
" - 2			50	25		8534 Pan 1/2 No 1/7
" - 3				25		8535 Pan 1/2
" - 4						8536
" - 5			44	44		8537 No 1/7 Pan 1/2
short lt. green leaves on 1/2, adv acct short lt 1 good. 4-5 inches shorter than adv acct Pan 1/2						
" - 6				27		8538 Pan 1/2
B54/8A2-28-1 329				15		8539 Pan 1/2
At 50				30		8540 Pan 1/2

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
8541	B5418A2-28-2,		CP231XB502A2-11=	17	73
Pan 1 1/2					
8542	"	-3,	48	19	✓
Pan 1 1/2					
No 1 1/2					
8543	"	-4,	46	20	✓
Pan 1 1/2					
No 1 1/2					
8544	"	-5,		21	✓
Pan					
8545	"	-6,			✓
8546	B5418A2-45-1,		"		73
8547	"	-2,			✓
8548	"	-3,	45	20	✓
Pan					
No 1 1/2					

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
B5418A2-45 7347			4,	CP231X B502A2-113-1 15	8549	Pan
"			-5,	21	8550	Pan
"			-6, 48	23	8551	Pan No 11/7
B5418A1-13-1 364				29	8552	"
"			-2	about 18?	8553	Pan
"			-3	27	8554	
"			-4	26 17	8555	Pan
"			-5	28	8556	

Bred by J. J. J. J.

	Date		Plant hgt. (in.)		
	1st Hood	Full Ripe			
8555 <i>Pan</i>	B5418A1-13	6	CP231 x B502A2-113	17	738
8558	B5418A1-31	1	"		738
8559 <i>Pan</i>	"	-2		23	
8560 <i>Pan</i>				27	CP23
8561 <i>Pan</i>	B5418A1-31	-3		27	738
8562 <i>Pan</i>	"	-4		25	
8563 <i>Pan</i>	"	-5		35	
8564	"	-6			

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
✓	B5418A1-35-1 1403				CP231X B502A2-113-1 8565	
✓	"	-2			8566	
✓	"	-3	48	20	8567	Pan
✓	"	-4		17	8568	Pan Hr 11/7
✓	"	-5			8569	
✓	"	-6		22	8570	Pan
	Best grain type					
	B5418A3-12-1 7427			18	8571	Pan
✓	"	-2	44	14	8572	Pan Hr 11/7

Date		Plant
1st Head	Full Ripe	hgt. (in.)

B5418A3-12-3

CP231X B502A2-113

8573

742

" -4

8574

26

Pan

" -5

8575

could body

" -6

8576

25

Pan

B5418A3-34-1

8577

48

24

745

Pan

No 11/4

" -2

8578

47

23

Pan

No 11/4

" -3

8579

46

23

Pan

No 11/4

8580

32

B12A8

Pan

Green leaves on 11/5 - all prev.
 Bromelias have good leaves, no foliage
 may be on 11/5 - 11/6
 could photos 11/5 - 11/6

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
✓	B548A3-34	-8	4	CP231 x B502A2-113-1	24	8581 Pan
✓	"	-10	5		23	8582 Pan
✓	"	-7	6 1/8		22	8583 Pan
✓	shorter hit than other rows	-8	7		26	8584 Pan

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
8601	B5418A3-34-8			CP231X B502A2-113-		7450
8602	B5428A1-5-1			B6150X B502A2-8-		7531
8603	" -2					✓
8604	" -3					✓
8605	" -4					✓
8606	" -5					✓
8607	" -6					✓
8608	B5428A1-9-1					754

	Date		Plant hgt. (in.)					
	1st Head	Full Ripe						
B5428A1-9-2 541		-2		B6150 x	B502A2-8-2			8609
"		-3						8610
"		-4						8611
"		-5						8612
"		-6						8613
"		-7						8614
"		-8						8615
"		-9						8616

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
8617	B5428A1-9			136+50 x B502A2-8-2		754
8618	B5428A1-19			"		755
8619	"					✓
8620						CP23
8621	B5428A1-19					755
8622	"					✓
8623	"					✓
8624	"					✓

	Date		Plant hgt. (in.)			
	1st Seed	Full Ripe				
B5428A1-19 7551				B6+50 x B502A2-8-2		8625
B5428A1-21-1 7553				"		8626
" -2				30		8627 Pan
" -3			48	30		8628 Pan
" -4				35		8629 Pan
" -5			48	31		8630 Pan
" -6				30 29		8631 Pa
B5428A1-29 562				"		8632

much plants let the B6+50 at the end of the row

Ho 1/2

Ho 1/2

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
8633	B5428A1-29			B6+50x B502A2-9-2	7561
8634	"				✓
8635	"				✓
8636	B5428A1-31-1			"	7561
8637	"	-2		292	✓
8638	"	-3		27	✓
8639	"	-4			✓
8640	"	-5			B6+5

	Date		Plant hgt. (in.)				
	1st Head	Full Ripe					
B5428A1-31-6 564				B6T 50x B502A2-8-2		8641	
"		-7				8642	
B5428A1-33-1 566				<u>25</u>	"	8643	Pan
"		-2				8644	
"		-3		<u>27</u>		8645	Pan
"		-4				8646	
"		-5				8647	
"		-6				8648	

Plant not golden leaved - full green

	Date		Plant Hgt. (in.)		
	1st Head	Full Ripe			
8649	B5428A1-38-1			B6750 x B502A28	757
8650	" -2			27	✓
8651	" -3			26	✓
8652	" -4			29	✓
8653	" -5				✓
8654	B5428A1-47-1			27	758 Semi an
8655	" -2		41	30	✓
8656	" -3			33	✓

V good short shined B6750

V about 1st gold heads
can find to emerge completely
prob. shorter. at B6750

Pan

Pan

Pan

Pan

Pan

H₁₁ 7

Pan

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
B5428A1-47-4				Bb + 50 x	B522A2-8-2	8657
1581 Semi Dwarf						
" -5						8658
1581 normal						
" -6						8659
✓						
✓						
✓						
C P 231						8660
lodged but adj row stands						
B5428A1-47 -7					"	8661
1581 normal						
" -8						8662
✓						
✓						
B5428A2-13 -1					"	8663
6/3						
" -2						8664
✓						

	Date		Plant hgt. (in.)				
	1st Head	Full Rose					
8665	B5428A2-13 -3			B67 50 x	B502A2-8		7613
8666	"	-4					✓
8667	"	-5					✓
8668	"	-6					✓
8669	"	-7					✓
8670	"	-8					✓
8671	B5428A2-35-1				"		763
8672	"	-2					✓

	Date		Plant hgt. (in.)					
	1st Head	Full Ripe						
B5428A2-35-3 636		-3			B6750x B502A2-8-2		8673	
"		-4					8674	
"		-5					8675	
"		-6					8676	
5428A2-39 641					"		8677	
"							8678	
"							8679	
B6750							8680	

	Date		Plant hgt. (in.)
	1st Head	Full Rice	
8681	B5428A2-39		B67 50x B502A2-4-2 76 41
8682	"		
8683	"		
8684	B5423A1-2 -1		B67 50x B502A2-115-1 76 52

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
B5423A1-2-2 7652				Bt 50 x 29	B502A2-113-1 8701 Pan	
" -3 ✓			47	30	8702 Pan	
Shorter than others B5423A1-13-4 7664					Hv. 1 1/2 8703	
" -5 ✓					8704	
" -6 ✓					8705	
" -7 ✓					8706	
" -8 ✓			51	29	8707 Pan	
Look as big as Bt 50 this row shorter than adj row " -9 ✓				✓ good	Hv 1 1/2 8708	

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
8709	B5423A1-13-9		B61 50 x B502A2-113-1	7664	
8710	B5423A1-14		"	7665	
8711	"				✓
8712	"				✓
8713	"				✓
8714	B5423A1-30-1		49	35	7682
8715	Pan Hr 1 1/4		"	37	✓
8716	Pan Hr 1 1/4		"		✓

	Date		Plant hgt. (in.)				
	1st Head	Full Ripe					
B5423A1-30-4 7682					B6t 50 x B502A2-113-1		87178
✓ "	-5			48			8718 Pan
later on less leaf dying							
✓ "	-6						8719
CP231							8720
B5423A1-62-1 1731							8721
✓ "	-2						8722
✓ "	-3						8723
✓ "	-4						8724

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
8725	B5423A1-62		B6t 50 x B502A2-113-1		7731
8726	"				✓
8727	B5428A1-47-1		B6t 50 x B502A2-8-2		7581
8728	- 2				✓
8729	- 3			29	✓
8730	- 4			29	✓
8731	- 5			27	✓
8732	- 6				✓

These 4 rows are 1st class Pan. fail to emerge from boot

These rows of about 100 B50t 50

	Date		Plant hgt. (in.)					
	1st Head	Full Ripe						
B5428A3-8-1 8604				B6t 50x	B502A2-8-2			8733
✓ "		-2						8734
✓ "		-3						8735
✓ "		-4						8736
✓ "								8737
✓ "								8738
B5428A3-14 2610								8739
B6t 50								8740

	Date		Plant hgt. (in.)			
	1st Seed	Full Ripe				
8741	B5428A3-14			Bb+50x B502A2-8-2		8610 ✓
8742	"					✓
8743	"					✓
8744	"					✓
8745	"					✓
8746	B5428A3-26-1					8623 ✓
8747	"	-2			<u>25</u>	✓
	It shorter to the adj row					
8748	"					✓

	Date		Plant hgt. (in.)					
	1st Head	Full Ripe						
B5428A3-26 8623				B6750 x B502A2-8-2				8749
✓ "								8750
✓ "								8751
B5428A3-28 8625								8752
✓ "								8753
✓ "								8754
✓ "								8755
✓ "								8756

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
8757	B5428A3-28			B6+50 x B502A2-8-2		8625
8758	B5428A3-32			"		8629
8759	"					✓
8760						CP27
8761	B5428A3-32			"		8629
8762	"					✓
8763	"					✓
8764	"					✓

	Date		Plant hgt. (in.)	<i>Lohme</i>		
	1st Head	Full Ripe				
B5428A3-33-1 8630					86t 50x B502A2-8-2	8765
✓ " -2				29		8766 <i>Pan</i>
✓ " -3						8767
✓ " -4				31		8768 <i>Pan</i>
✓ " -5						8769
✓ " -6						8770
B5428A3-36 633					"	8771
✓ " "						8772

	Date		Plant hgt. (in.)			
	1st Hood	Full Ripe				
8773	B5428A3-36			B6t 50x	B502A2-8-2	863
8774	"					✓
8775	"					✓
8776	"					✓
8777	B5428A3-41				"	8638
8778	"					✓
8779	"					✓
8780					B6t 50	

	Date	Plant hgt. (in.)
1st Head	Fall Ripe	
B5428A3-4/ 8638		B67 50x B502A2-8-2 8781
" ✓		8782
" ✓		8783
" ✓		8784
		8785
		8786
		8787
		8788

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
8801	B5428A3-41			B67 50x	B502A2-8-2	8638
8802	"					✓
8803	"					✓
8804	"					✓
8805	"					✓
8806	B5428A3-44					8642
8807	"					✓
8808	"					✓

	Date		Plant hgt. (in.)		
	1st Ebud	Full Ripe			
8817	B5428A 4-4		B6+50 x	B502A 2-8-2	8646
8818	B5117A 2-4-1, CP 231 x CE 9122				739
8819	"		"	14	✓
8820				56	CP 231
8821	B5117A 2-4-1, CP 231 x CE 9122			16	739
8822	"		"		✓
8823	"		"	17	✓
8824	"		"		✓

	Date		Plant hgt. (in.)	Str. Hgt	2nd time		
	1st Bloom	Full Ripe			56	57	
739	B5117A2-4-1,		CP231x	CI-9122	14		8825 Pan
	"			"			8826 Pan
	F4-B551A1-1-1		TPxF ₁ (TP _{dw} x TP)		32		8827 Pan
	rev-535	late	46	S			
	"	late	46	S	31		8828 Pan
	Beet						
	"	late	45	S	29		8829 Pan
	B551A1-2-1		45	"	31		8830 Pan
	rev-536	earlier than TP		S			
	B551A1-3-1			"	36		8831 Pan
	rev-537			MS Segr			
	B551A1-4-1			"	31		8832 Pan
	rev-538			MS Segr			

	Date		Plant hgt. (in.)	Stk. Hgt	2nd line
	1st Head	Full Ripe			
8833	F4-BSS1A1-4-2			TP x F (TP dw x TP)	MS Segn mex 538
8834	"	-3		" MS Segn	✓
8835	F4-BSS1A2-2-1			" MS	mex-54 33
8836	"	-2	49	" MS	30 ✓
8837	"	-3		" MS	✓
8838	"	-4	47	" MS	34 ✓
8839	B551A2-3-1			" MR	mex 543 31
8840	Texas Patna, check				

TP 88
ck

	Date		Plant hgt (in)	Sty No.		
	1st Egg	Full Ripe				
✓	F4-BSSIA 2-4-1			TP x F _i (TPdw x TP)		8841
				MS Segu		
✓	"	-2		MS, Segu	" 40	8842
						Pan
	BSSIA 2-5-1					
				MR	" 38	8843
						Pan
✓	"	-2		MR	" 31	8844
						Pan
	V short h					
	F4 BSSIA 3-1-1					
				MS	"	8845
	BSSIA 3-2-1					
				MS	"	8846
	BSSIA 3-3-1					
				S	"	8847
✓	"	-2		S	"	8848

	Date		Plant hgt. (in.)	Stk Hgt	Growth	
	1st Ebud	Full Ripe				
8849	F4-B55/A3-3-3		TP x F1/1P _{dw} x TP	S		max 55
8850	B55/A3-4-1		"	—		max 55 32
8851	" -2		"			✓
8852	B55/A3-5-1		"	S		max - 55
8853	B55/A3-7-1		"	R		max - 55
8854	B55/A3-8-1		"	MS		max - 55
8855	B55/A3-10-1		"	S		max - 55 33
8856	F4-B55/A5-1-1		"	MS Seg		max 58

	Date		Plant hgt. (in.)	Stk. Hl. Jodme		
	1st Head	Full Ripe				
mex-558	F4-B55/A5-1	-2	TPx F (TP _{dw} x TP)	MS	29	8857 Pan
✓	"	-3	"	MS	30	8858 Pan
mex-561	B55/A5-3-1	"	"	MS	"	8859
47 Short TP dwarf.	T.P Dwarf, check.				33	8860 Pan
mex-566	F4 B55/A6-3-1		TPx F (TP _{dw} x TP)	MS	30	8861 Pan
✓	"	-2		MS	28	8862 Pan
✓	"	-3		MS	31	8863
mex-568	B55/A6-5-1			MS	"	8864

	Date		Plant hgt. (in.)	Sta Hx	Godme
	1st Head	Full Ripe			
8865	F4 B55/A 7-1-2		TPx	F ₁ (TP _{dw} x TP) MS	May-57
8866	B55/A 7-2-1			" S	May-57
8867	" -2			" S	✓
8868	B55/A 7-3-1			" MS	May-57
8869	" -2			" MS	✓
8870	B55/A 7-4-1 <i>begin mid</i>			" MS	May-57 29
8871	<i>Done v early plants</i> B55/A 7-5-1			" S	May-57 32
8872	" -1			" S	✓

	Date		Plant hgt. (in.)	Dtr Hd	gdn	
	1st Head	Full Ripe				
may-575	F4-B551A7-6-1			TP x S	F(TP _{dw} x TP)	8873
✓	"	-2		S	"	8874
may-578	B551A7-9-1			MS	"	8875
✓	"	-2		MS	"	8876
may-581	F4-B551A8-1-1	44		S	34	8877 Pan
✓	"	-2		S	31	8878 No 11/2
may-582	B551A8-2-1			S	"	8879
28 TP check	Texas Palna Check					8880

	Date		Plant hgt. (in.)	Str. Hgt.	2nd hgt.
	1st Elong	Full Ripe			
8881	F4-B551A9-1-1			T-P x F (TP ₂ x TP)	MS Segn max-584
8882	"	-2		"	MS Segn 39 ✓
8883	B551A9-3-1			"	MS Segn max-586 37
8884	"	-2		"	MS Segn 35

	Date		Plant hgt. (in.)	Stk Hl	2ndme	
	1st Head	Fall Ripe				
✓	F4-855/A9-3-3			TP x MS Segu	F ₁ (TP _{du} x TP) 32	8901 Pan
	Earlier than others, v good					
✓	max-587	B55/A9-4-1		MR	"	8902 Pan
✓	"	-2		MR	" 34	8903 Pan
✓	max-589	B55/A9-6-1		MS Segu	" 40	8904 Pan
✓	"	-2		MS Segu	" 34	8905 Pan
✓	max-590	B55/A9-7-1		MS Segu	" 32	8906 Pan
✓	v good)	"	-2	MS Segu	" 30	8907 Pan Ho
✓	v. good)	Earlier than others	-3	MS Segu	"	8908 Pan

	Date		Plant hgt. (in.)	Str/Ht	Zodmie
	1st Head	Full Ripe			
8909 Pan	F4-B55/A9-9-1		TP x F _i	(TP _{dw} x TP)	MR Mex-592 38
8910 Pan	TP Dwarf. — Check,				38 Dio. TP. check 147
8911 Pan	F4-B55/A9-9-2		TP x F _i	(TP _{dw} x TP)	MR Mex-592 36
8912 Pan	F4-B 55/36 A		BBT50 x F _i	(BBT50 x H034)	Mex-437 41
8913 Pan	"		"	"	41 ✓
8914	"		"	"	✓
8915 Pan	"		"	"	40 ✓
8916	"		"	"	✓

shorter than BBT50

	Date		Plant hgt. (in.)	Stem D.	Growth	
	1st Seed	Full Rise				
✓	F4-B55136A May 437			BBT50x F	(BBT50x H034) 36	8917 Pan
✓	"	"	"	"	39	8918 Pan
✓	A few very short plants raised, can these be semi dwarf or stunted plants?					
✓	"	"	"	"	38	8919 Pan
	Bluebonnet 50, cbeck.					8920
	F4-B55136A3-6-1 May 437			BBT50x F	(BBT50x H034) 35	8921 Pan
✓	green leaves		42	"	37	8922 Pan
✓	fast growing (Slender)		-3	"	34	8923 Pan
✓	green leaves		-4	"	"	8924
✓	green leaves					

Have plants shorter than BBT 50
in 1957 at Bud.

	Date		Plant hgt. (in.)	Disease	
	1st Head	Full Ripe			
8925	F4-B55136A3-6-5, BBt50xH (BBt50xH0341)				may 7 39
Pan					
8926	"	-6, 44	"		✓
Pan					
8927	Shadier than others.		"		may 4 70
8928	"		"		✓
8929	"		"		✓
8930	"		"		✓
Pan					
8931	"		"		✓
8932	"		"		✓

	Date		Plant hgt. (in.)	Godme		
	1st Head	Full Ripe				
✓	F4-B55136A mex-476			BBt50 x F. (BBt50 x HD341)		8933
✓		"			"	8934
✓		"			"	8935
✓		"			"	8936
✓		"			"	8937
✓		"		25	"	8938 Pan
✓		"		30	"	8939 Pan
✓		"			"	8940

Too tall

Earlier in 1957 in Mex.

	Date		Plant hgt. (in.)	Str. Hd	2nd line
	1st Head	Full Ripe			
8941	F4 B55136A			BBT50x Fi (BBT50xHD341)	may-486
8942	"			"	✓
8943	"		2	"	✓
8944	F4-B55233A9-1-1	11/6		Rex x F, (BBT50xRex)	may-594 30
8945	"	11/6	-2	" BR	31 ✓
8946	"	11/6	-3	" BR	28 ✓
8947	"	11/6	-4	" BR	✓
8948	"	11/6	-5	" BR	30 ✓

	Date		Plant hgt. (in.)	Str. Hd.	Jodine	
	1st Head	Full Ripe				
✓	11/6	11/6	49-7	MR	24	8949
						Pan
✓	11/6	11/6	49-7	MR	30	8950
						Pan 11/6
✓	11/6	11/6	49-7	MR	25	8951
						Pan
✓	11/6	11/6	49-7	MR	29	8953
						Pan 11/6
✓	11/6	11/6	47-4	MR	27	8954
						Pan 11/6
✓	11/6	11/6	47-4	MR	29	8955
						Pan 11/6
✓	11/6	11/6	47-4	MR	29	8956
						Pan 11/6

	Date		Plant hgt. (in)	Str. Hd.	Inch
	1st Good	Full Ripe			
8957	F4-B55233A9-8-49		Rex x F ₁ (BBt50 x Rex)	MS	26
	Pan 11/6	11/6		Seg	26
	Nov 11/7	At table the BBt50 fast ripening			
8958	"		-2 48	MS Seg	24
	Pan 11/6	11/6			
	Nov 11/7	Slow ripening or late?			
8959	"		-3	MS Seg	27
	Pan 11/6				
8960	Bluebonnet 50, Check				BBt 50 Lot 103
8961	F4-B55233A9-8-49		Rex x F ₁ (BBt50 x Rex)	MS	29
	Pan 11/8			Seg	29
	Nov 11/7				
8962	B55233A9-9-15		"	S	29
	Pan 11/8				
8963	"		-11/6	S	27
	Pan				
8964	B55233A9-10-1		"	MS	29
				Seg	
	Too late				max 604

	Date		Plant hgt. (in.)	Str. Hgt. Ind. Hgt.		
	1st Head	Full Size				
max-604	F4-	B55233A9-10-2	2	Rex x F ₁ (BBT50 x Rex)	MS Segr	8965
		Too tall				
max-605	F4-	B55233A10-1-1	1	S	"	8966
✓		1	2	S	"	8967
max-606	B	55233A10-2-1	1	Segr S-R	" 24	8968 Pan 1/8
✓		"	2	Segr S-R	"	8969 Pan 1/8
max-609	B	55233A10-5-1	1		" 25	8970
max-611	B	55233A10-7-1	1	MR Segr	" 23	8971 Pan 1/8
		Too tall				
✓		"	49-2	MR Segr	" 25	8972 Pan 1/8 Hr 11/7

	Date		Plant hgt. (in.)	Str. Hd.	Zodmei
	1st Head	Full Ripe			
8973	F4-B55233A10-8-1			Rex x Fi (BBt50 x Rex)	max-612
				MS Segn	28
	Tall				
8974			-2	" MS Segn	27 ✓
	Tall (bad fruit damage)				
8975	F4-B55233A11-1-1			" MS	max-615
8976	B55233A11-3-1			" MS Segn	max 617
8977	"		-2	" MS Segn	✓
8978	"		-3	" MS Segn	✓
8979	B55233A11-6-148			" MS Segn	27 max-621 may be 6223 Tags now probably removed
	Segmat (see Rex)				
	Plant is green leaves good in taste like BBt50				
8980	Bluebonnet 50, check				BBt50 Lit 103

	Date		Plant hgt. (in.)	Str Hd	2nd line	
	1st Head	Full Ripe				
F4 - B55233A/1-6-2 Rex x F₁ (BBT50 x Rex) may-62/ MS may be 622? Segs ago were possibly reversed Seg mat, BB10 Rex					36	8981 Jan 1/8
B55233A/1-10-1 may 627			S	"		8982
			-2 S	"		8983
B55233A may-631			S	"		8984

	Date		Plant hgt. (in.)	Str. Hgt. <i>Zodine</i>	
	1st Seed	Full Ripe			
10001	F4-B55233A9-2-1		Rex x F1(BBT50 x Rex)	R	26 <i>map 598</i>
	<i>Pan 11/8</i>		<i>Some early shorted at Segs mat, Some BBT 50 let plants</i>		
10002	" - 2		"	R	28 ✓
	<i>Pan 11/8</i>		<i>BBT mat</i>		
	<i>Nov 11/13</i>		<i>Use as parent line for cross with Rex Gold hush v good</i>		
10003	" - 3		"	R	27 ✓
	<i>Pan 11/8</i>		<i>Segs mat</i>		
	<i>2</i>		<i>Some early shorted</i>		
10004	" - 4		"	R	23 ✓
	<i>Pan 11/8</i>		<i>Segs mat</i>		
	<i>2</i>		<i>Some early shorted</i>		
10005	B55233A9-3-1		"	MR Segs	<i>map 598</i>
	<i>11</i>				
10006	" - 2		"	MR Segs	✓
	<i>11</i>				
10007	" - 3		"	MR Segs	✓
	<i>11</i>				
10008	B55233A9-5-1		"	R Segs?	<i>map 598</i> 24
	<i>Pan 11/8</i>				
	<i>Nov 11/13</i>		<i>Excellent BBT mat Rex row v good</i>		

	Date		Plant hgt. (in.)	Str Hd	Lodme	
	1st Head	Fall Ripe				
may 598	F4-B55233A9-5-2			Rex x F ₁ (BBTSD x Rex) R Segn.	24	/0009 Pan No 1/5
	Like 10,008 " 3 Segn. mat			"	25	/0010 Pan 1/8
601	B55233A9-7-1			MS Segn.	"	/0011
	Too tall		-2			/0012
607	F4-B55233A10-3-1			Rex x F ₁ (BBTSD x Rex) S		/0013
	Too tall		-2	"	"	/0014
608	B55233A10-4-1			MR Segn.	"	/0015
	Too tall		-2	"	"	/0016

	Date		Plant hgt. (in.)	Str Hd		
	1st Ecod	Full Ripe				
10017	F4-B55233A10-6-1		Rex x F ₁ (BBt50 x Rex)	S	May 610	
10018	"	12		S		✓
10019	B55233A10-9-1			MR	May 613	
10020	Bluebonnet 50, check				BBt 50 Lat 103	
10021	F4-B55233A10-9-2		Rex x F ₁ (BBt50 x Rex)	MR	May 613	
10022	"	-3		MS Seg	May 614	
10023	F4-B55233A11-			MS Seg	May 619	
10024	"			MS Seg	"	✓

	Date	Plant hgt. (in.)	Str. Hd	Grade	
1st Head	Full Ripe				
620	Bluebonnet		50		10025
"	"	"	"	"	10026
622	F4-B55233A11-7-1	Rex x F1 (B8t50 x Rex)	Segr S+R		10027
"	"	"	"	"	10028
"	"	"	"	"	10029
623	B55233A11-8-1	MS Segr	"	"	10030
"	"	"	"	"	10031
624	" B55233A11-9-1	MS Segr	"	"	10032

may be 621, 7 ago my house
been reversed. See 8979
621 was also segg for Str. Hdd
in 1957 at C. Loker

are earlier than others

are too tall but
met before
check ground & good
Red grain-type

Pan 11/8
Hr 11/15
Pan 11/8
Hr 11/15

	Date		Plant Plant hgt. (in.)	Scr. Hd	2nd	
	1st Hd	Full Hd				
10033	F4- BSS233A	12-1-1	Rex x F. (BSS x Rex)	MR	May 21	62
10034	BSS233A	12-2-1	"	MR	25	✓
10035	BSS233A	12-3-1	"	MS Seg	May 23	62
10036	"	-2	"	MS Seg	22	✓
10037	"	-3	"	MS Seg	25	✓
10038	"	-4	"	MS Seg	23	✓
10039	"	-5	"	MS Seg	28	✓
10040	Bluebonnet 50, Check.					BSS 50 Tot 103

	Date		Plant hgt. (in.)	Str. Hd.	Germine		
	1st Head	Full Ripe					
May 628	F4-B55233A12-3		6	Rex MS Segu	x F1 (BBT50 29	x Rex)	10041 11/15
✓	"	"	-7	MS Segu	" 24	"	10042 11/15
✓	"	"	-8	1 MS Segu	" 26	"	10043 11/15
Ref 329 to this 329 or 629 approx to 629 in field	" B55233A12-4-1		1	MS Segu	" 27	"	10044 11/15
✓	"	"	-2	MS Segu	"	"	10045 11/15
May 630	" B55233A12-5-1		1	MS Segu	"	"	10046
May 631	" B55233A12-6-1		5	"	"	"	10047
✓	"	"	-2	S	"	"	10048

	Date		Plant hgt. (in.)	Sty Hd	Germine	
	1st Eoad	Full Ripe				
10049	B55233A12-7-1			Pex x F (BBTso x Pex)	MS Seg	May 63 25
	Jan 1/8	Sand BBT mat				
10050	-2			"	MS Seg	27
	Jan 1/8	Segs Can/BBT mat				
10051	-3 11/6			"	MS Seg	25
	Jan 1/8	Killed by frost very early				
	Nov 11/5	BBT mat grain too full, taller than prev.				
10052	-4			"	MS Seg	
10053	B55233A12-8-1			"	S	May 63
10054	-2			"	S	
10055	B55233A12-9-1			"	S	May 63
10056	-2			"	S	28
	Jan 1/8	BBT mat				
	Nov 11/5					

Date		Plant hgt. (in.)	Str. Hd	Disease	
1st Head	Full Rise				
May 635	B55233A12-10-1	Rex x F ₁ (BBT50 x Rex)	MS Segs	22	10057 Pan 11/8
✓	"	"	-2 MS Segs	"	10058
✓	"	"	-3 MS Segs	"	10059
BBT50	Bluebonnet 50, check				10060
May 636	B55233A13-1-1	Rex x F ₁ (BBT50 x Rex)	5	21	10061 Pan 11/8
✓	✓	✓	✓	✓	✓
May 637	B55233A13-2-1	"	MS Segs	"	10062
	Too tall				
May 638	B55233A13-3-1	"	MS Segs	19	10063 Pan 11/8
✓	Shorter than others & shorter than BBT50 gold hills many green lines, Segs not excellent		-2 5	"	10064

	Date		Plant hgt. (in.)	Str Hd	Notes	
	1st Seed	Full Ripe				
10065	B55233A13-4		Rex x F	(BBt50 x Rex) MS	Max	639
10066	-2		"	MS	23	✓
10067	-3		"	MS	21	✓
10068	Bluebonnet 50,		check		Max 26	640
10069	"		4			✓
10070	B55233A13-5-		Rex x F	(BBt50 x Rex) S	Max	641
10071	-2		"	S		✓
10072	-3		"	S		✓

no taller than 64.50
promoter material

	Date		Plant hgt. (in.)	Str. Hd.	Zodmie	
	1st Head	Full Ripe				
Exp 642			B55233A13-6-1	Rex x F ₁ (BBT50 x Rex) MS Segu		10073
✓				-2 MS Segu	" 23	10074 Pan Hr 1 1/5
✓				-3 MS Segu	"	10075
✓				-4 MS Segu	"	10076
✓				-5 MS Segu	"	10077
✓				-6 MS Segu	" 23	10078 Pan Hr 1 1/5
Exp 643			B55233A13-7-1	MS Segu	"	10079
Exp 50			Bluebonnet 50, check			10080

	Date		Plant hgt. (in.)	Str. Hd	2nd line
	1st Head	Full Ripe			
10081	B55233A13-7-2		Rex x F, (BBT50 x Rex)	MS Segn	May 643
10082		-3		" MS Segn	✓
10083		-4		" MS Segn	✓
10084	B55233A13-8-1			" MS Segn	May 644 28

	Date		Plant hgt. (in.)	Str. Hd.		
	1st Head	Full Ripe				
10109	BSS233AB-11-3,		Rex x F ₁ (BBTso x Rex)	MS Segn	Met 64	
10110	B55136A (BSS233AB-11-3)		BBTso x F ₁ (BBTso x HD ³⁴¹)		Met 394-4	
10111				"		✓
10112				"		✓
10113				"		✓
10114				"		✓
10115				"		✓
10116				"		✓

	Date		Plant hgt. (in.)				
	1st Head	Full Ripe					
✓ 394-451					BBtso x F ₁ (BBtso x H0341)		10117
✓					"		10118
✓					"		10119
BBtso check for 103					Bluebonnetso, check		10120
✓ 394-451					BBtso x F ₁ (BBtso x H0341)		10121
✓					"		10122
✓					"		10123
✓					"		10124

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
10125	B55136A		BBtsoxF.(BBtsoxH034)	May 394	-45	
10126			"			✓
10127			"			✓
10128			"			✓
10129			"			✓
10130			"			✓
10131	Earlier than others		"			✓
10132			"			✓

	Date		Plant hgt. (in.)	Stk. Hgt.		
	1st Head	Full Ripe				
✓	394-451	B55136A		BBT50 x F ₁ (BBT50 x HD 341)		10133
✓		Earlier than others		"		10134
✓				"		10135
✓				"		10136
✓				"		10137
✓	487 F4-B55124 AS-1			BBT50 x F ₁ (BBT50 x B502A2-113) MR		10138
✓	"			MR		10139
✓	BBT 50 check 48103	Blue bonnet 50,		check,		10140

	Date		Plant hgt. (in)	Stk Hd	
	1st Ebud	Full Ripe			
10141	F4-B55124A5-2		BBTsoxF/BBTso x B55124A2-113	MS degr	May 4 88
10142	"		"	MS degr	✓
10143	"		"	MS degr	✓
10144	F4-B55124A5-3		"	S	May 4 89
10145	"		"	S	✓
10146	"		"	S	✓
10147	B55124A5-4		"	MS degr	May 4 90
10148	"		"	MS degr	✓

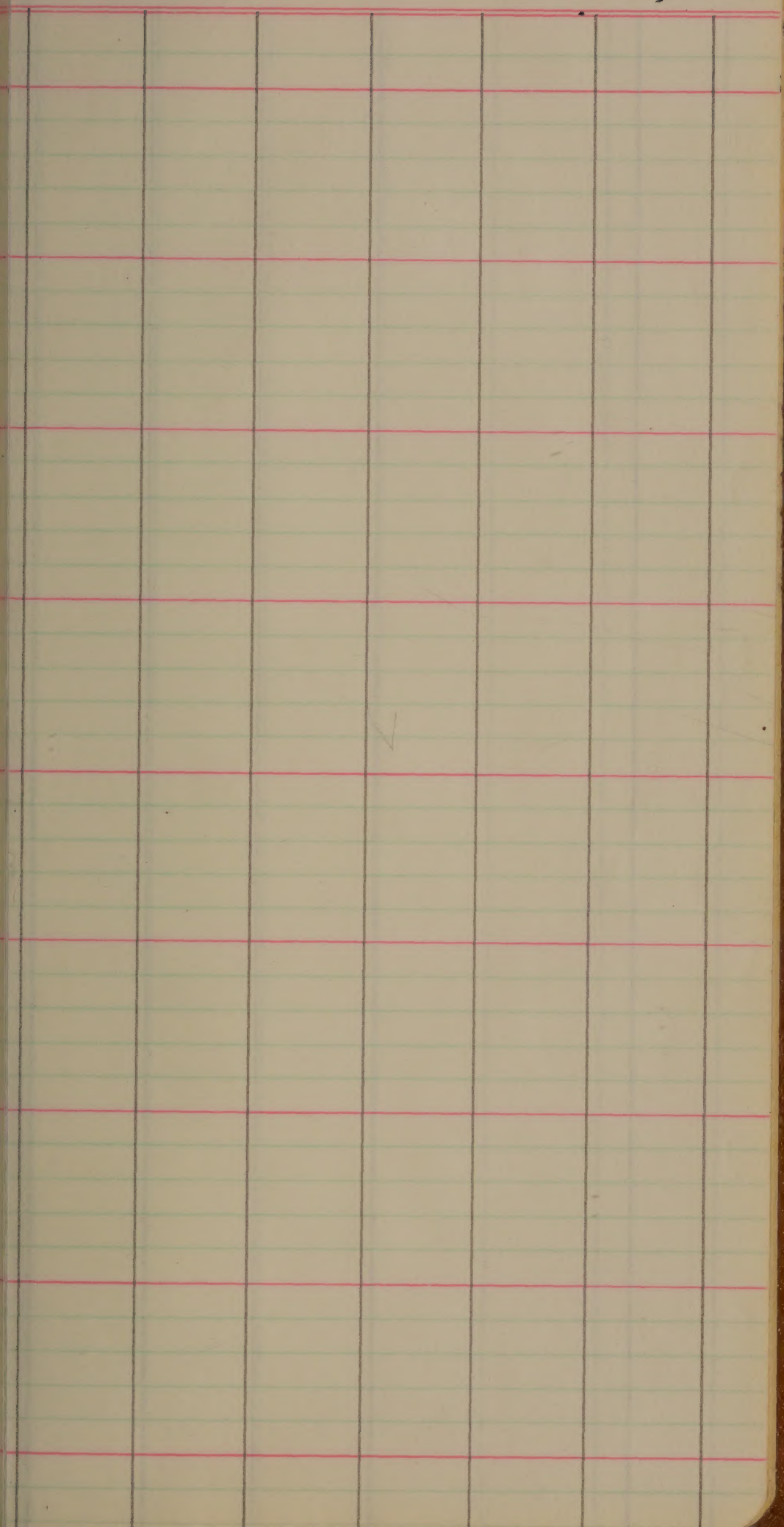
	Date		Plant hgt. (in.)	Stems Hd		
	1st Head	2nd Ripe				
✓ 490	F4-BSS124A5-4			BBT50 x F1 (BBT50 x B502A2-113) MS Segs		10149
✓	"			MS Segs	"	10150
✓	"			MS Segs	"	10151
✓ 491	BSS124A5-5			S	"	10152
✓	"			S	"	10153
✓ 491	"			S	"	10154
✓	"			S	"	10155
✓	"			S	"	10156

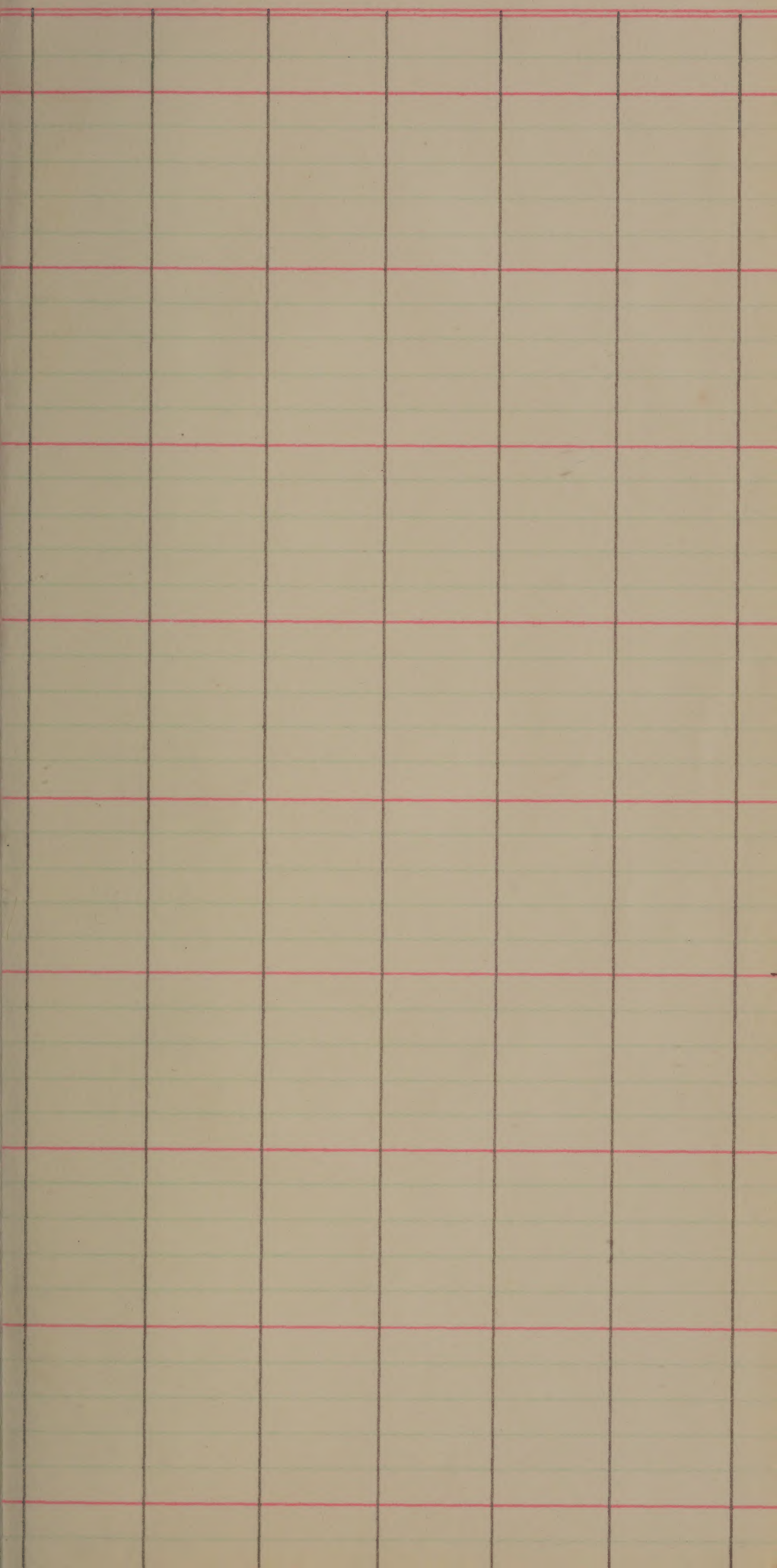
	Date		Plant hgt. (cm)	Stk Hgt	
	1st Seed	Full Ripe			
10157	F4B55/24A5-6		BBtsoxE	(BBtsoxB502 MR	A2-113) Map 492
10158	"			" MR	✓
10159	"			" MR	✓
10160	Bluebonnet so,		check, BBt50 Lot 103		
10161			Map 494-53		
10162			✓		
10163			✓		
10164			✓		

	Date		Plant hgt. (in.)	Stk Hd		
	1st Head	2nd Ripe				
494-531						10165
✓						10166
✓						10167
Earlier than others						
495 F4-B55124 A8-1				BBt50 x F ₁ (BBt50 x B502A2-113)		10168
			R			
Earlier than others						
✓	"			R	"	10169
Earlier than others						
496 B55124A8-2				R	"	10170
✓	"			R	"	10171
512 [B55124A16-2				R	"	10172

	Date		Plant hgt. (in.)	Str. Hd		
	1st Head	Full Ripe				
10173	F4-B 55124A16-2		BBTsoxF	(BBTsoxB502A2-113) R	map	512
	earlier than others					
10174	"			" R		✓
10175	"			" R		✓
10176	"			" R		✓
10177	"			" R		✓
	earlier than others					
10178	"			" R		✓
10179	" B55124A16-4			" MR Seg	map	514
10180	Bluebonnet 50, Check DBT 50				208103 chek.	

	Date		Plant hgt. (in.)	Stk Hgt		
	1st Head	Full Ripe				
May 514	F 4	B55124A16	-4	MR Segr	BBt50 x F, (BBt50 x B502A205)	10181
May 515		B55124A16	-5 R		"	10182
✓		"		R	"	10183
✓		"		R	"	10184





Sum = 7461 to 7564

$$\begin{array}{r} 6/12 \\ 18 \end{array}$$

$$\begin{array}{r} 18 \\ 31 \\ 14 \\ \hline 63 \end{array}$$

8102 for shell

PI 173,602 (7604,546) are they R or S to white

Plot 812 has twisted peduncle

54 material starts with 10,701

FC-6
(1-55)

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
Field Crops Research Branch

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

July 2

29

~~80~~ 31

20

80

95

SAMPLE PAGE

VARIETAL TEST OF OATS, 1908

CONDITIONS OF EXPERIMENT

PLOT

Location-----Field H.
Size-----1/20 acre.

SOIL

Kind-----Prairie loam.
Position-----Somewhat rolling.
Previous crop-----Corn.

NAME AND CONDITION OF MACHINERY

Plow-----
Disk-----Osborn-----Sharp.
Harrow-----U Bar-----Good.
Seeder-----Monitor-----Good.

SEED

Variety-----Variable.
Weight per bushel-----Variable.
Source-----Variable.
Treatment-----Fanned clean and treated for smut.

SEED BED

Preparation :

1. Disked (lapped half)-----4-6-'08.
2. Disked (lapped half)-----4-10-'08.
3. Harrowed-----4-10-'08.
4. Harrowed-----4-27-'08.
5. Seeded-----4-27-'08.
6. Harrowed-----4-27-'08

SEEDING

Manner-----Drilled.
Date-----4-27-'08.
Rate-----3 bushels per acre by weight.

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

	Date		Plant ht. (in.)	Stk/Hol	Lodmi
	1st Head	Full Rise			
10201	F4 B55124A36-5		Bbt 50 x F. (Bbt 50 x B502A2-113)	S	May 53 4
10202	"		"	S	✓
10203	F4-B551A1-2		TP x F. (TP _{2w} x TP)	S	May 53 6
10204	" are there more TP Bt seeds or Bbt 50 Bt		"	S	29 ✓
10205	F4 B55124A10-8		Bbt 50 x F. (Bbt 50 x B502A2-113)	R	May 50 8
10206	"		"	R	✓
10207	"		"	R	✓
10208	"		"	R	✓

	Date		Plant hgt. (in.)	Stk Ht	
	1st Head	Full Ripe			
✓	May 508	F4 B55124A10-8	BBT50x F1 (BBT5x B502A2-113)	R	10209
✓	"	"	"	R	10210
✓	May 241	A F4 B5481A11-1 B5481A11-1	TPx F1 (CP231x TP)	MR	10211
✓	"	"	"	MR	10212
✓	"	"	"	MR	10213
✓	May 242	B5481A11-2	"	MR	10214
✓	Too tall	"	"	MR	10215
✓	May 244	B5481A11-4-1	"	MR	10216

	Date		Plant hgt. (in.)	1st Hood	Full Ripe	1st Hgt	Dashed
10217	F4-B548/A11-4-2	TPx F (TPx TP)	CP231 (XTP)	MR		7/14/24	4
10218		-3	"	MR			✓
10219	B548/A11-5-1		"	R		7/14/24	5
	Pan					A=47	
	Hr					B=53	
10220	CP231, check			CP231		chk	
10221	F4-B548/A11-5-2	TPx F (TPx TP)	CP231 (XTP)	R		7/14/24	5
10222	"	-3	"	R			✓
10223	"	-4	"	R			✓
10224	"	-5	"	R		42	✓
	Pan 1/8						
	Hr						
	Amid shortest plants						

	Date		Plant Date (100)	Stk Hld	Index	
	1st Seed	2nd Seed				
✓	May 24	5	F4-B548/A11-5-6	TPx F1 (TPx TP)	10225	Ur
✓	"	"	-7	R	"	10226
✓	"	"	-8	R	"	10227
✓	May 24	6	B548/A21-1-1	R	10228	many plants, taller than cl. High hetero. Pan 10/11
✓	"	"	-2	R	57	10229
✓	"	"	-3	R	57	10230
✓	"	"	-4	R	62	10231
✓	"	"	-5	R	60	10232

a few deep roots

many plants, taller than cl. High hetero. Pan 10/11

a few v short stature plants semi sterile

a very early row Watch

sign bit & met. Same as early a CP or earlier

and as short in bit

Sign bit & met. few v early

Pan 10/11

Pan 10/11

	Date		Plant hgt. (in.)	str Hl	Dadmi
	1st Head	Full ripe			
10233	F4-B548/A21-1 B551A2	10 E	TP x F1 (CP231 x TP) 10 x 13	R	Met 246 50
10234	B548/A21-2		"	R	Met 247
10235		-2	"	R	✓
10236		-3	"	R	✓
10237		E -4	"	R	45
10238	F4-B548/A21-3-1 B551A2		"	MR	Met 248
10239		-2	"	MR	✓
10240			CP231, check,		CP231 check

Date		Plant	Stk Hgt	2ndme	
1st	Ripe	hgt.			
Head		(in.)			
May 248	F4-B548/A21-3-3	TPx F, TPx F	MR	(CP231 x TP)	10241
May 249	B548/A21-4-1	Segv R-S	"	"	10242
✓	"	-2 Segv R-S	"	58	10243 Pan 11/8
✓	"	-3 Segv R-S	"	63	10244 Pan 11/8
Said what appeared to be B548/A21-4-1 plants grow					
✓	"	-4 Segv R-S	"	"	10245
May 251	B548/A21-6-1	MS	"	"	10246
✓	"	-2 MS	"	"	10247
✓	"	-3 MS	"	"	10248
Said shortest plants					

	Date		Plant hgt. (in.)	Stk Ad	2nd hgt. (in.)	Notes
	1st Head	2nd Ripe				
10249	B548/A 21-6-4		TP x F ₁	(CP231 x TP)	25	MS 30
	Par 11/8					
	No					
	too tall had some short plants, eval. green type, good plants, except ht.					
10250	"	-5	"			MS ✓
10251	B548/A 21-5-1		"			MS 250
10252	"	-2	"			MS 250 ✓
10253	"	-3	"			MS 20 ✓
	Par 11/8					
	No					
	standing better than adj rows					
10254	"	-4	"			MS 250 ✓
10255	B548/A 21-7-1		"			MS 252
10256	"	-2	"			MS ✓

1st Head	Date	Plant ht. (in.)	
✓	252 F4- B548/A21-7-3 B548/A21-7-3	-3	str/Hd <i>Jodine</i> TPx F. (CP231xTP) MS <u>37</u> 10257 <i>Pan 11/P</i> <i>Hr</i>
✓	"	-4	MS " 10258 <i>Hr</i>
✓	"	-5	MS " 10259
Tex Pat. (88)	Texas Patna, Check		10260
✓	252 F4- B548/A21-7-6 B548/A21-7-6	-6	TPx F. (CP231xTP) MS <u>42</u> 10261 <i>Pan 11/8</i> <i>Hr</i>
✓	253	B548/A21-8-1	" <u>51</u> 10262 <i>Pan 11/P</i> <i>Hr</i>
✓	"	-2	Segr MS " 10263
✓	"	-3	Segr MS " 10264

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
10265	F4-B548/A21-8- B548/A21-8	4	TPx F	Stk Hdr 2nd me (CP23/XTP) (TP23/XTP) Segn MS	May 253
10266		5		" Segn MS	53 ✓
10267		6		" Segn MS	✓
10268	F4-B548/A21-9- B548/A21-9	1		" Segn MR	May 254
10269	"	2		" Segn MR	✓
10270	"	3		" Segn MR	✓
10271	"	4		" Segn MR	✓
10272	F4-B548/A21-10- B548/A21-10	1		" Segn MR	May 255

Date	1st Head	Plant hgt. (in.)	Stk Hgt	2nd Hgt	
255 F4	B548/A21-10-2	-3	TPx F	(CP231/TP)	10273
			Segr MR		
✓	"	-3	Segr MR	" 28	10274
				Pam 11/8	
				Sh	
✓	"	-4	Segr MR	"	10275
are they male stinkers stink type present				Segr / Stk: 2 normal	
✓	"	-5	Segr MR	"	10276
256	B548/A22-1-1		S	"	10277
✓	"	-2	S	"	10278
✓	"	-3	S	"	10279
CP231	CP231,	check			10280

	Date		Plant hgt. (in)	str	Notes
	1st Erad	Full Ripe			
10281	F4-	B548/A 22-1 December	4	TPx F, (TP, TP)	Godwin (CP231xTP) Map 256 S
10282	Pan 11/8 earlier	B548/A 22-2-1	"	S	Map 257 34
10283	Pan 11/8 earlier	"	-2	" S	✓ 32
10284	Pan 11/8 earlier	"	-3	" S	✓ 32

why with occasional
early plants

late winter
occasional early plant

	Date		Plant hgt. (cm)	lts / dl		
	1st Week	2nd Week				
May 257	F4	B548/A22-2-1		TPxF ₁ (CP23/xTP)		10301
				S		
May 258	F4	B548/A22-3-1		TPxF ₁ (CP23/xTP)		10302
				Segn MS		
✓		"	-2	Segn MS	"	10303
✓		"	-3	Segn MS	"	10304
May 259		B548/A22-4-1		Segn MS	"	10305
✓		"	-2	Segn MS	"	10306
✓		"	-3	Segn MS	"	10307
✓		"	-4	Segn MS	"	10308

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
10309	F4-B548/A22-4-5		TP x F (CP23)	MS	May 259
10310	CP231, CK				May 260 25th CP231 (yes 91) redone
10311	"				
10312	"				
10313	"				
10314	F4 B548 A22-5, TP x F, (CP231 x TP)		MS		May 261
10315	"		MS		
10316	"		MS		

are CP231

appear to be CP231 in F4

	Date		Plant hgt. (in.)	Sh. Hgt.		
	1st Food	Full Ripe				
262	F4-B548/A31-	4-1			TPxF, (CP231xTP)	10317
✓			-2		"	10318
264	B548/A31-	4-1			"	10319
231	CP231,	check				10320
264	F4-B548/A31-	4-2			TPxF, (CP231xTP)	10321
✓			-3		"	10322
267	F4-B548/A32-	1-1			"	10323
✓		"	-2		"	10324

	Date		Plant hgt. (in.)	Sh/Hd	
	1st Head	Full Ripe			
10325	F4-B548/A32-1-3		TPxF (CP23/XTP)	S	May 267
10326	" -4			S	✓
10327	B548/A32-1-5			S	✓
10328	B548/A32-2-1			S	May 268
10329	" -2			S	✓
10330	" -3			S	✓
10331	B548/A32-3-1			S	May 269
10332	" -2			S	✓

	Date		Plant hgt. (in.)	Stkld		
	1st Found	Full Buds				
269	F4-B548/A32-3-3			S	TPxF ₁ (CP231xTP)	10333
270	B548/A32-4-1			Segr MS	"	10334
✓	"			-2 Segr MS	"	10335
✓	"			-3 Segr MS	"	10336
					A=13 B=18	Pan 10/11 Pan 11/12 Hv
✓	Land raised & shunted let			-4 Segr MS	"	10337
					39	Pan 11/18 Hv
271	B548/A32-5-1			Segr MS	"	10338
					46	Pan 11/18 Hv
✓	"			-2 Segr MS	"	10339
					52	Hv
Ex. Pat. club (88)	Texas Palma, Check					10340

	Date		Plant hgt. (in.)	Str. Hgt.	2nd me. xTP)
	1st Head	Full Ripe			
10341	F4-B548/A32-6-1		TPxF	CP231	272 29
		E		segr MS	
	Pan 11/30	V little taller than CP			
10342	"	-2		"	✓
		segr		segr MS	
10343	F4-B548/A32-8-1			"	274
		segr		S?	
10344	"	-2		"	✓
				S?	
10345	"	-3		"	✓
				S?	
10346	"	-4		"	✓
		EOM		S?	21
	Pan 11/8	not as tall as most.			
10347	B548/A32-9-1			"	275
				segr MS	26
	Pan 11/5	V good			
		more segs med (CP a little)			
		V short but fresh, shorter than CP			
10348	"	-2		"	✓
		E		segr MS	25
	Pan 11/8	Taller than previous rows			

	Date		Plant hgt. (in.)	Str/Bd	Tachia	
	1st Seed	1st Ripe				
May 275	F4-B548/A32-9-3	TPXF(CP23) xTP)		Segr MS		10349
✓	"	-4	Segr MS	"	23	10350 Pan
May 276	B548/A32-10-1	E		"	27	10351 Pan
✓	"	-2	"	"		10352
May 277	B548/A32-11-1			"		10353
✓	"	-2	"	"		10354
May 278	B548/A32-12-1			"		10355
May 281	B548/A32-14-1			"		10356

	Date		Plant hgt. (in.)	Stk/Hd	2nd/3rd
	1st Head	Full Ripe			
10357	F4-B548/A32-15-1 <i>lots, few cokes</i>		TP x F ₁ (CP231 x TP)	<i>Segn MS</i>	<i>Map 282</i> <u>21</u>
10358	"	-2	"	<i>Segn MS</i>	✓
10359	"	-3	"	<i>Segn MS</i>	✓
10360	CP 231, check				CP 231 chk Lot 8
10361	F3-B548/A32-15-4		TP x F ₁ (CP231 x TP)	<i>Segn MS</i>	<i>Map 282</i>
10362	B548/A32-16-1		"	—	<i>Map 283</i>
10363	"	-2	"	—	✓
10364	"	-3	"	—	✓

	Date		Plant hgt. (in.)	Stk Hgt		
	1st Head	Full Ripe				
May 283	F4	B548/A32-16-4	TPx(F(CP231xTP))	—	"	10365
✓	"	-5	—	"	"	10366
✓	"	-6	—	"	"	10367
May 284	B548/A32-17-1	MR	"	"	"	10368
✓	"	-2	MR	"	"	10369
✓	"	-3	MR	"	"	10370
✓	"	-4	MR	"	"	10371
May 286	B548/A32-19-1	R	"	"	"	10372

	Date		Plant hgt. (in.)	Stk Hgt	
	1st Head	Full Ripe			
10373	F4-B548/A32-19-2		TPxF.(CP231xTP)	R	map 286
10374	"	-3	"	R	✓
10375	"	-4	"	R	✓
10376	"	-5	"	R	✓
10377	F4-B548/A41-1-1		"	Seg MS	map 287
10378	"	-2	"	Seg MS	✓
10379	"	-3	"	Seg MS	✓
10380	CP-231, check				CP 231 chk LY 8

	Date		Plant hgt. (in.)	Str Hd	Lodine	
	1st Seed	Full Ripe				
May 287	F ₄ -B548/A4X-1-4			TP _x F.(CP23) x TP)		10381
				Seg MS		
May 288	B548/AH-2-1			MS	"	10382
					30	Pan 11/8 Hr
	Shorter ht than most good					
✓	"	-2		MS	"	10383
	Seg mat				41	Pan 11/8 Earlier
	Shorter ht than most					
✓	"	-3		MS	"	10384
	Seg mat, Shorter ht than most					Pan 11/8 Earlier
	C P check over MS-S					

	Date		Plant hgt. (in.)	MS	✓
	1st Head	Full Ripe			
10401	F4-B548/A44-2-4		TR F, (CP231 x TP)	MS	✓
10402	"	-5	"	MS	✓
10403	"	-6	"	MS	✓
10404	"	-7	"	MS	✓
10405	"	-8	"	MS	✓ 25
10406	"	-9	"	MS	✓ 24
10407	"	-10	"	MS	✓
10408	"	-11	"	MS	✓ 22

	Date		Plant hgt. (in.)	Sts/Hd	Zodme	
	1st Head	2nd ripe				
max 289	F4-B548/A4-3-1			TPxF ₁ (CP23)XTF		10409
✓	"	-2		"	20	10410
						pan 11/8
✓	"	-3		"		10411
						more earlier than most
max 290	B548/A4-4-1			"	23	10412
						Nr
✓	"	-2		"		10413
						pan 11/8
✓	"	-3		"		10414
✓	"	-4		"		10415
✓	"	-5		"		10416

all late until Jan, early or mid-late unless otherwise noted

mostly E

	Date		Plant hgt. (in.)	1st Head	Full Ripe	1st/2nd	2nd/3rd
10417	F4-B548/A41-4-6	TR&F.(P231xTP)	S				290
10418	"	-7	S				✓
10419	B548/A41-5-1	"	MS segr				291
10420	Texas Patna, check.	Tex. Pat (88) chk.					
10421	F4B548/A41-5-2	TR&F.(P231xTP)	segr MS				291 20
10422	"	-3	segr MS				✓
10423	"	-4	segr MS				21
10424	"	-5	segr MS				✓

	Date		Plant hgt. (in.)	Stk Hl	2nd line	
	1st Seed	2nd Seed				
✓	292	F4-B548/A42-1-1	1-1	TPxFi	(CP231xTP)	10425
				Segr	MS	
✓	"	"	-2	"	"	10426
				Segr	MS	
✓	294	F4-B548/A42-3-1	3-1	MR	"	10427
					23	Σ pan 1/8
✓	"	"	-2	MR	"	10428
					?	Σ pan 1/8
✓	"	"	-3	MR	"	10429
					28	Σ pan 1/8
✓	"	"	-4	MR	"	10430
					?	Σ pan 1/8
✓	313	F4-B548/A51-1-1	1-1	SP	"	10431
✓	"	"	-2	SP	"	10432

Late with occasional early when otherwise noted

	Date		Plant hgt. (in.)	St/Hr	
	1st Ebud	Full Ripe			
10433	F4-B548/A51-1-3		TPxF, (CP231 X TP)	SP	map 313
10434	B548/A51-2-1		"	SP	map 314
10435	"	-2	"	SP	✓
10436	"	-3	"	SP	✓
10437	"	-4	"	SP	✓
10438	B548/A51-3-1		"	SP	map 315
10439	"	-2	"	SP	✓
10440	CP-231, check				CP 231 248 chk

Date	1st Head	Type	Plant hgt. (in.)	Mr. H. L. Zosma		
Mar 315	F ₄	B548/A51	-3	TRF (CP231 x TR)	SP	10441
✓	"	"	-4	"	SP	10442
✓	"	"	-5	"	SP	10443
Mar 316	B548/A51	-4	-1	Segr MS	" 27	10444 Pan 11/8
✓	"	"	-2	Segr MS	" 28	10445 Pan 11/8
✓	"	"	-3	Segr MS	" 28	10446 Pan 11/8
✓	"	"	-4	Segr MS	" 27	10447 Pan 11/8
Mar 317	B548/A51	-5	-1	VS	"	10448

	Date		Plant hgt. (in.)	Stk Hld	Lodnie	
	1st Head	Full Ripe				
10449	F4-B548/A51-5-2		TPx F, (CP231xTP)	VS		mut 317
10450	F4-B548/A52-1-1		"	S		mut 318
10451	"	-2	"	S		✓
10452	"	-3	"	S		✓
10453	B548/A52-2-1		"	Segm MS	mut 319 21	
10454	Pan 11/8 few E		-2	" Segm MS	24	✓
10455	Pan 11/8 few E		-3	" Segm MS		✓
10456	Pan 11/8 few E		-4	" Segm MS		✓

	Date		Plant hgt. (in.)	Stk/Hd		
	1st Head	Ripe				
321	F ₄ -B548/A52-3-1			TPx F ₁ (CP231xTP)	S	10457
✓	"	-2		"	S	10458
✓	"	-3		"	S	10459
P231 Ltr & chk	CP-231,	check				10460
321	F ₄ -B548/A52-3-4			TPx F ₁ (CP231xTP)	S	10461
322	B548/A52-4 B548/A52-4			1 seg MS	"	10462
323	B548/A52-5-1			1 seg MS	"	10463
✓	"	-2		1 seg MS	"	10464

	Date		Plant hgt. (in.)	Sh/Hd	Zodine
	1st Seed	Full Ripe			
10465 Pan 1/8	F4-B548/A52-5-3		TPxF(CP231xTP)	Seg MS	May 323 24
10466 Pan 1/8	" -4		"	Seg MS	21
10467	" -5		"	Seg MS	✓
10468	F4-B548/A61-1-1		"	Seg MS	May 324
10469	B548/A61-2-1		"	S?	May 325
10470	" -2		"	S?	✓
10471	B548/A61-5-1		"	Seg MS	May 328
10472	" -2		"	Seg MS	✓

Date		Plant	St. Hgt.	2nd Hgt.
1st	2nd	hgt.		
Seed	Ripe	(in.)		
✓	"	-1	TPx F (CP231 x TP)	10473
			Segr MS	
✓	"	-2	Segr MS	10474
✓	"	-3	Segr MS	10475
✓	"	-4	MR	10476
			46	Pa 10/11
✓	"	-2	MR	10477
			40	Pa 10/11
✓	"	-3	MR	10478
			A=30 B=22	Pa 10/11 Nv
✓	"	-2	MR	10479
			31	Pa 10/11 Nv
✓	"	-1	MR	10480
✓	"	-1	MR	10481
✓	"	-1	MR	10482
✓	"	-1	MR	10483
✓	"	-1	MR	10484
✓	"	-1	MR	10485
✓	"	-1	MR	10486
✓	"	-1	MR	10487
✓	"	-1	MR	10488
✓	"	-1	MR	10489
✓	"	-1	MR	10490
✓	"	-1	MR	10491
✓	"	-1	MR	10492
✓	"	-1	MR	10493
✓	"	-1	MR	10494
✓	"	-1	MR	10495
✓	"	-1	MR	10496
✓	"	-1	MR	10497
✓	"	-1	MR	10498
✓	"	-1	MR	10499
✓	"	-1	MR	10500
✓	"	-1	MR	10501
✓	"	-1	MR	10502
✓	"	-1	MR	10503
✓	"	-1	MR	10504
✓	"	-1	MR	10505
✓	"	-1	MR	10506
✓	"	-1	MR	10507
✓	"	-1	MR	10508
✓	"	-1	MR	10509
✓	"	-1	MR	10510
✓	"	-1	MR	10511
✓	"	-1	MR	10512
✓	"	-1	MR	10513
✓	"	-1	MR	10514
✓	"	-1	MR	10515
✓	"	-1	MR	10516
✓	"	-1	MR	10517
✓	"	-1	MR	10518
✓	"	-1	MR	10519
✓	"	-1	MR	10520
✓	"	-1	MR	10521
✓	"	-1	MR	10522
✓	"	-1	MR	10523
✓	"	-1	MR	10524
✓	"	-1	MR	10525
✓	"	-1	MR	10526
✓	"	-1	MR	10527
✓	"	-1	MR	10528
✓	"	-1	MR	10529
✓	"	-1	MR	10530
✓	"	-1	MR	10531
✓	"	-1	MR	10532
✓	"	-1	MR	10533
✓	"	-1	MR	10534
✓	"	-1	MR	10535
✓	"	-1	MR	10536
✓	"	-1	MR	10537
✓	"	-1	MR	10538
✓	"	-1	MR	10539
✓	"	-1	MR	10540
✓	"	-1	MR	10541
✓	"	-1	MR	10542
✓	"	-1	MR	10543
✓	"	-1	MR	10544
✓	"	-1	MR	10545
✓	"	-1	MR	10546
✓	"	-1	MR	10547
✓	"	-1	MR	10548
✓	"	-1	MR	10549
✓	"	-1	MR	10550
✓	"	-1	MR	10551
✓	"	-1	MR	10552
✓	"	-1	MR	10553
✓	"	-1	MR	10554
✓	"	-1	MR	10555
✓	"	-1	MR	10556
✓	"	-1	MR	10557
✓	"	-1	MR	10558
✓	"	-1	MR	10559
✓	"	-1	MR	10560
✓	"	-1	MR	10561
✓	"	-1	MR	10562
✓	"	-1	MR	10563
✓	"	-1	MR	10564
✓	"	-1	MR	10565
✓	"	-1	MR	10566
✓	"	-1	MR	10567
✓	"	-1	MR	10568
✓	"	-1	MR	10569
✓	"	-1	MR	10570
✓	"	-1	MR	10571
✓	"	-1	MR	10572
✓	"	-1	MR	10573
✓	"	-1	MR	10574
✓	"	-1	MR	10575
✓	"	-1	MR	10576
✓	"	-1	MR	10577
✓	"	-1	MR	10578
✓	"	-1	MR	10579
✓	"	-1	MR	10580
✓	"	-1	MR	10581
✓	"	-1	MR	10582
✓	"	-1	MR	10583
✓	"	-1	MR	10584
✓	"	-1	MR	10585
✓	"	-1	MR	10586
✓	"	-1	MR	10587
✓	"	-1	MR	10588
✓	"	-1	MR	10589
✓	"	-1	MR	10590
✓	"	-1	MR	10591
✓	"	-1	MR	10592
✓	"	-1	MR	10593
✓	"	-1	MR	10594
✓	"	-1	MR	10595
✓	"	-1	MR	10596
✓	"	-1	MR	10597
✓	"	-1	MR	10598
✓	"	-1	MR	10599
✓	"	-1	MR	10600
✓	"	-1	MR	10601
✓	"	-1	MR	10602
✓	"	-1	MR	10603
✓	"	-1	MR	10604
✓	"	-1	MR	10605
✓	"	-1	MR	10606
✓	"	-1	MR	10607
✓	"	-1	MR	10608
✓	"	-1	MR	10609
✓	"	-1	MR	10610
✓	"	-1	MR	10611
✓	"	-1	MR	10612
✓	"	-1	MR	10613
✓	"	-1	MR	10614
✓	"	-1	MR	10615
✓	"	-1	MR	10616
✓	"	-1	MR	10617
✓	"	-1	MR	10618
✓	"	-1	MR	10619
✓	"	-1	MR	10620
✓	"	-1	MR	10621
✓	"	-1	MR	10622
✓	"	-1	MR	10623
✓	"	-1	MR	10624
✓	"	-1	MR	10625
✓	"	-1	MR	10626
✓	"	-1	MR	10627
✓	"	-1	MR	10628
✓	"	-1	MR	10629
✓	"	-1	MR	10630
✓	"	-1	MR	10631
✓	"	-1	MR	10632
✓	"	-1	MR	10633
✓	"	-1	MR	10634
✓	"	-1	MR	10635
✓	"	-1	MR	10636
✓	"	-1	MR	10637
✓	"	-1	MR	10638
✓	"	-1	MR	10639
✓	"	-1	MR	10640
✓	"	-1	MR	10641
✓	"	-1	MR	10642
✓	"	-1	MR	10643
✓	"	-1	MR	10644
✓	"	-1	MR	10645
✓	"	-1	MR	10646
✓	"	-1	MR	10647
✓	"	-1	MR	10648
✓	"	-1	MR	10649
✓	"	-1	MR	10650
✓	"	-1	MR	10651
✓	"	-1	MR	10652
✓	"	-1	MR	10653
✓	"	-1	MR	10654
✓	"	-1	MR	10655
✓	"	-1	MR	10656
✓	"	-1	MR	10657
✓	"	-1	MR	10658
✓	"	-1	MR	10659
✓	"	-1		

	Date		Plant hgt. (in.)	Stk Hl	Grade
	1st Head	Full Ripe			
10481 Nr	F4-B5481A63-2-2	2	TPAF(CP231 x TP)	MR	May 335 A=56 B=43
10482 Nr	"	-3	"	MR	A=42 B=39
10483	B5481A63-2-1	1	"	Seg MS	May 336 38
10484	"	-2	"	Seg MS	35

	Date		Plant hgt. (in.)	Stk Hd		
	1st Seed	Full Ripe				
✓	336	F4-B548/A63-3-3	TPx F, (CP231xTP)	Seg MS	"	10501
✓	"	"	-4	Seg MS	"	10502
✓	"	"	-5	Seg MS	"	10503
✓	337	B548/A63-4-1,		Seg R-S	"	10504
✓	338	B548/A63-5-1		Seg R-S	"	10505
✓	"	"	-2	Seg R-S	"	10506
✓	"	"	-3	Seg R-S	"	10507
✓	"	"	-4	Seg R-S	"	10508

	1st Head	Full Ripe	Plant hgt. (in.)	Stk/Hd	
10509	F4-B548/A64-3-1		TPxF ₁ (CP231 x TP)	Seg MS	May 34-3
10510	"	-2	"	Seg MS	✓
10511	F4-B548/A82-11-1		"	Seg MS	May 350
10512	"	-2	"	Seg MS	✓
10513	"	-3	"	Seg MS	✓
10514	B548/A82-12-1		"	S	May 351
10515	"	-2	"	S	✓
10516	"	-3	"	S	✓

	Date		Plant hgt. (in.)	Stems	Produce	
	1st Head	1st Ripe				
My 351	F4-B548/A82-12-4			5	TPx F (CP231 x TP)	10517
✓	"	"	-5	5	"	10518
My 352	B548/A82-13-1				"	10519
	Seg mat			Seg MS	43	Pan 11/15
CP231 Lot 8 chk	CP-231, *Check,					10520
F4 B54-B548/A82-13-2 352					TPx F (CP231 x TP)	10521
	Seg mat			Seg MS	49	Pan 11/15
✓	"	"	-3		"	10522
	Seg mat			Seg MS	49	
My 353	B548/A82-14-1				"	10523
	Seg mat			Seg MS	31	
✓	"	"	-2		"	10524
	Seg mat			Seg MS	34	

	Date		Plant hgt. (in.)	Stk/Hd	2odme
	1st Head	Full Ripe			
10525	F4-B548/A82-14-3		TPx F, (cp 231 x TP)	Seg MS	May 353 37
10526	"	-4		" Seg MS	✓ 38
10527	B548/A53-1-1			" Seg MS	May 355
10528		-2		" Seg MS	✓
10529		-3		" Seg MS	✓
10530		-4		" Seg MS	✓
10531		-5		" Seg MS	✓
10532	F4-B548/A82-15-1,			" S	May 354
	Paul 11/15				
	aka 10533				

Date	
1st	2nd
Head	Ripe

Plant
hgt.
(in.)

Stk Hgt	Location
---------	----------

✓ *Water studies shown & seg. not*
 mix 354 F4-B5481A82-15-2, TPxF, (CP231 XTP) *S* *28* 10533
Pan 11/15

✓ " -3, *S* *27* 10534

mix 356 B5481A53-2-1, *Segr* *MS* *"* *25* 10535

✓ " -2, *Segr* *MS* *"* 10536

If a sample of this no. show up it is prob 10,336
 " -2 *Segr* *MS* *"* *24* 10537

mix 357 B5481A53-3-1 *Segr* *MS* *"* 10538
Pan 11/15

✓ " -2 *Segr* *MS* *"* 10539

CP231
 288
 chh

CP-231, check

10540

	Date		Plant hgt. (in.)	Hd	
	1st Head	Full Ripe			
10541	F4-B548/A53-3-3,		TPx F, (CP231xTP)	Segn MS	May 357
10542	"	-4		" Segn MS	✓
10543	F4-B548/A82-1-1			" S	May 358
10544	"	-2		" S	✓
10545	"	-3		" S	✓
10546	B548/A82-2-1 CP231 Check			# Segn MR-MS	May 359 20 360
10547	"	-2		# Segn MR-MS	✓
10548	"	-3		# Segn MR-MS	✓ 200/231

	Date		Plant hgt. (in.)	St Hl	Podme	
	1st Seed	2nd Seed				
40359	F4	B548/A82-2-4	TP&F	(CP231XTP)		10549
20360	CP231	check	segr	MR-MS		
✓	"	-5	"	segr		10550
				MR-MS		
40360	#1231	B548/A82-2,-1	segr	MR-MS	"	10551
20359	B548/A82-2,-1		segr	MR-MS	Pan 11/15	
✓	"	-2	"			10552
✓	"	-3	"	24		10553
✓	"	-4	"	29		10554
40361	FA8548A	TP&F	(CP231XTP)			10555
20360	CP231	CK				
✓	"	"	"			10556

	Date		Plant hgt. (in.)	Ht Hdr	2nd line
	1st Head	Full Ripe			
10557	F4-B548/A		TPxF, (CP23)xTP	S	May 361
10558	"		"	S	✓
10559			"	R?	May 362
10560	Texas Potna, check				Tex. Pot (88) chk
10561	F4-B548/A		TPxF, (CP23)xTP	R?	May 362
10562	B548/A82-5-1		"	Segn	May 363 24
10563	"	-2	"	Segn	✓
10564	"	-3	"	Segn	✓

	Date		Plant hgt. (in.)	Stk Hlth	Podme	
	1st Eoad	2nd Eoad				
May 364	F4-B5481A82-6-1,	TPx F (CP231xTP)		Segv	26	10565
✓	"	-2		Segv	"	10566
						Pan 11/15
✓	"	-3		Segv	"	10567
May 365	F4-B5481A82-7-1			S	"	10568
✓	"	-2		S	"	10569
✓	"	-3		S	"	10570
May 366	F4-B5481A82-8-1			Segv	29	10571
						Pan 11/15
✓	"	-2		Segv	"	10572

	Date		Plant hgt. (in.)	Lookie
	1st Head	Full Ripe		
10573 Pan 11/15	F4-B548/A82-8-3		TPx F (CP231xTP)	May 36 b 26
10574 Pan	"	-4	"	✓
10575 Hr	B548/A82-9-1		"	May 367
10576 Hr	"	-2	"	✓
10577 Hr	"	-3	"	✓
10578 Hr Pan 11/15	B548/A82-10-1		"	May 368 28
10579 Hr	"	-2	"	✓
10580	CP-231, check			CP 231 248 chk

	Date		Plant hgt. (in.)	2odine	
	1st Head	2nd Head			
up 368	F4-B5481A82-10-3, TPxF1 (CP231 x TP)			30	105811 Pan 1/18
up 369	B5481A45-1			"	10582
✓	"	"	-2	"	10583
✓	"	"	-3	"	27 10584 Pan 1/15

	Date		Plant hgt. (in.)	Growth
	1st Head	Full Ripe		
10601	F4-B548/A45-2-1, TPxF, (CP231xTP)			May 370
Pan 11/15				
10602	"	-2	"	✓ 32
Earlier than others				
10603	F4-B548/A45-3-1			" May 371 28
10604	"	-2	"	✓ 28
10605	"	-3	"	✓
10606	B548/A45-4-1			" May 372 26
10607	"	-2	"	✓ 29
10608	"	-3	"	✓ 27

Pan 11/15

mostly late with few early
✓ sturdy stems not too tall

	Date		Plant hgt. (in.)		
	1st Head	2nd Head			
up 373	F4-B5481A	45-5-1	TPxF ₁ (CP231xTP)		10609
✓	"		-2	"	10610
✓	"		-3	"	10611
✓	"		-4	"	10612
✓	"		-5	"	10613
up 374	F4-B5481A	55-1-1		"	10614
✓	"		-2	"	10615
✓	"		-3	"	10616

	Date		Plant hgt. (in.)	
	1st Head	Full Ripe		
10617	F4-B548/A55-2-1TPx F _i (CP231xTP)			May 375
10618	"	-2	"	✓
10619	"	-3	"	✓
10620	CP-231, check			CP231 L48 chk
10621	F4-B548/A55-2-4TPx F _i (CP231xTP)			May 375
10622	"	-5	"	✓
10623	"	-6	"	✓
10624	B548/A55-3-1,		"	May 376

	Date		Plant hgt. (in.)		
	1st Seed	Full Ripe			
✓	376	F4-B548/A55-3-2, TP ₂ F (CP231 x TP)		"	10625
✓	"	"	-3,	"	10626
✓	377	B548/A55-4-1,		"	10627
✓	"	"	-2,	"	10628
✓	"	"	-3,	"	10629
✓	"	"	-4,	"	10630
✓	378	B548/A55-5-1,		"	10631
✓	"	"	-2,	"	10632

	Date		Plant hgt. (in.)	
	1st Head	Full Ripe		
10633	F4-B548/A55-5-3, TPx F1 (CP23 x TP)			M4378
10634	"	-4	"	✓
10635	"	-5	"	✓
10636	"	-6	"	✓
10637	"	-7	"	✓
10638	B548/A55-6-1,		"	M4379 ProdcP23)
10639	"		"	20 CP23/m F4 ProdcP23) ✓
10640	Texas Potna, check			Tex. Pat. (68) Ch

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
379 F4-B548/A				TP x F ₁ (CP231 x TP)		10641
CP231						
✓		"		"		10642
380		CP231		"		10643
✓		"				10644
382 F4-B548/A				TP x F ₁ (CP231 x TP)		10645
✓		"		"		10646
✓		"		"		10647
✓		"		"		10648

	Date		Plant hgt. (in.)	
	1st Head	Full Ripe		
10649	F ₄ -B548/A		TPx F ₁ (CP231 x TP)	Map 383
10650	"		"	✓
10651	"		"	✓
10652	"		"	✓
10653			"	Map 384
10654	"		"	✓
10655			"	Map 385
10656	"		"	✓

	Date		Plant hgt. (in.)	Str Hd	
	1st Head	2nd Head			
mut 385 F4-B5481A				TP x F ₁ (CP231 x TP)	10657
mut 1 F5-B55106A27-1				CP231 x F ₁ (CP231 x B5502A2-113) VS	10658
✓	"			VS	10659
CP231 288 ch	CP231, check				10660
mut 1 F5-B55106A27-1-1				CP231 x F ₁ (CP231 x B5502A2-113) VS	10661
✓	"			VS	10662
✓	"			VS	10663
mut 2 F5-B55106A27-1-2				" MS	10664

A27 mostly S to straight head

	Date		Plant hgt. (in.)	Stk Hd		
	1st Head	Full Ripe				
10665	F5-B55106A27-1-2			CP231x F1	MS	map 2
10666	"	"	"	MS	"	✓
10667	"	"	"	MS	"	✓
10668	"	"	"	MS	"	✓
10669	"	"	"	MS	"	✓
10670	"	"	"	MS	"	map 3
10671	"	"	"	MS	"	✓
10672	"	"	"	MS	"	✓

	Date		Plant hgt. (in.)	str. Ht		
	1st Seed	1st ripe				
May 3	F4-B55106A27-1-3			MS	CP231 x F ₁ (CP231 x B502A2-H3)	10673
May 4	"	"		#Segr S-MS	"	10674
✓	"	"		"	"	10675
✓	"	"		"	"	10676
✓	"	"		"	"	10677
May 5	"	"		S	"	10678
✓	"	"		S	"	10679
CP 231 Lot 8 Ch	no					10680

	Date		Plant hgt. (in.)	Str. Hd.	
	1st Head	Full Ripe			
10681	Fs B5 5166A27-1-5, Ep231 x F ₁ (CP231) x B502A2-113)				Met 5
10682	"	"		S	✓
10683	"	"		"	Met 6
10684	"	"		"	✓

Start of S 4 material

28

	Date		Plant hgt. (in.)	Str. Ad.	
	1st Seed	Full Ripe			
Rep 5 F ₅ - B55106A27-1-5, CP231 x F (CP231 x B502A2-113)				S	10701
✓	"			S	10702
✓	"			S	10703
Rep 6	"			S	10704
✓	"			S	10705
✓	"			S	10706
✓	"			S	10707
Rep 7	"			Seeds MS	10708

	Date		Plant hgt. (in.)	St. Hd	
	1st Head	Full Ripe			
10709	F5 B55106A27-1-7		CP231 x F1 (CP231 x B502A2-113)	Segn MS	may 7 ✓
10710	"			"	✓
10711	"			"	✓
10712	F5-B55106A30-1-1			MS	may 8 ✓
10713	"			MS	✓
10714	"			MS	✓
10715	"			MS Segn	may 9 ✓
10716	"			MS Segn	✓

A30 seg for Sh Head
0719 to 749 = TP control showed 21% volume 29

	Date		Plant hgt. (in.)	Sh Hd Jodine		
	1st Seed	1st Inp				
8B55106A30-1-2, CP231xF, (CP231 x B502A2-113)						10717
seg MS						
11 max 10	E			seg MS	11 30	10718
						Pan 1/6
11	E			seg MS	11 28	10719
						Pan 1/6
A 271 r Century Polna, Chook						10720
248 club						
5 B55106A30-1-3, CP231xF, (CP231 x B502A2-113)						10721
max 10	E			seg MS	30	Pan 1/6
Early row						No
11	E			seg MS	11 30	10722
						Pan 1/6
5 B55106A30-1-4, CP231xF, (CP231 x B502A2-113)						10723
max 11	M			seg MS	27	Pan 1/6
lined E						
11	M			seg MS	11	10724

	Date		Plant hgt. (in.)	Str HS	Lodine
	1st Head	Full Ripe			
FS- B55106A30-1-4, 10725 Pan 11/6 (Dr)		E/M		CP231x F (CP231xB502A2-113) Segu MS	May-11 26
10726	"	"	"	"	" ✓
10727 Pan 11/6	"	E	"	Segu MS	" 112 May 12 28
10728 Pan 11/6	"	"	"	"	" ✓ 28
10729 Pan 11/6 Dr	"	E	"	"	" ✓ A=25 B=30
10730 Pan 11/6 Dr	"	VE	"	S	" May 13 27
10731	"	E	"	S	" ✓
10732	"	E	"	S	" ✓

V uniform row & earlier than adj row & peak

1st Head	Date	Plant hgt. (in.)	Sh Ht	Lodme		
F5-B55106A30-1-7	May-14	E	S	CP231x F1 (CP231x B502A2-113)	10733	
✓ "	E	S	"		10734	
✓ "	E	S	"		10735	
May 15 F5-B55106A30-4-1	EIM	Seg MS	24	10736	Pan 1 1/6	
Tall, some late	"	F	Seg MS	25	10737	Pan 1 1/6
✓ "	E	Seg MS	24	10738	Pan 1 1/6	Hr
✓ "	Ed M.	Seg MS	25	10739	Pan 1 1/6	Hr
CP 231 Century Polna, check	E	45	10740	Pan 1 1/6		
D. Taller than many seeds.						

Saved early panicles unless otherwise designated from 10, 701 to end of CP 231 box

	Date		Plant hgt. (in.)	Stk Ht	2nd me
	1st Head	Full Ripe			
10741	F5 B55106A30-4-2 Pan 1/6	EM	CP231 x F (CP231 x B502A2-113)	Seg MS	May 16 31
10742	"	EM	"	Seg MS	✓
10743	"	EM	"	Seg MS	✓
10744	" Pan 1/6 Hu	E	"	Seg MS	✓ 29
10745	" Tall	EM	"	VS	May 17
10746	"	"	"	VS	✓
10747	"	"	"	VS	✓
10748	"	"	"	Seg MS	May 18

0,750 to 10,901 showed TP control
with 20line value of 19.570
as material

31

Date		Plant hgt. (in.)	Mr/Hd	20line	
1st Head	Full Ripe				
5-18	Ed M.	T	Seg MS	CP231 x F(CP231 x B502A2-113) 30	10749 Pan 1/6
✓ "	E		Seg MS	" 25	10750 Pan 1/6 Hr
✓ "	E		Seg MS	" 25	10751 Pan 1/6
✓ May 19	E		Seg MR	" 22	10752 Pan 1/6 Hr
✓ "	E?		Seg MR	" 25	10753 Pan 1/6
a very heavy row Shorter, sturdier than than CP231, v good Possible Seg for mat. Hr					
✓ "	Ed M.		Seg MR	"	10754
✓ May 20	Century Patna 231	Check			10755 Pan 1/6
Taller than preceding rows appears to be CP				44	
✓ "	E			"	10756
Taller 10755					

	Date		Plant hgt. (in.)	
	1st Head	Full Ripe		
10757	F5-B55106A30-CP23/Check			May-21
10758	F5-B55106A30		CP23/F, (CP23/B502A2-11) Segu MS	May 21
10759	"		" Segu MS	✓
10760	Century Potna, Check		CP23/ Lot P chk	
10761	F5-B502A30- B55106A30-4-6		CP23/F, (CP23/B502A2-11) Segu MS	May 21
10762	"		" Segu MS	✓
10763	"		" VS	May 22
10764	"		" VS	✓

	Date		Plant hgt. (in.)	Stk. Hd.		
	1st Seed	Full Size				
May 22	F5-B55106A30-4-7,			CP231x F. (CP231xB502A2-113) VS		10765
May 23	B55106A30-4-8			MR Segs	"	10766
✓	"			MR-Segs	"	10767
✓	"			MR-Segs	"	10768
✓	"			MR-Segs	"	10769
✓	"			MR-Segs	"	10770
May 24	B55106A30-4-9			MS	"	10771
✓	"			MS	"	10772

	Date		Plant hgt. (in.)	Str	Line
	1st Head	Full Ripe			
10773	F5-B55106A30-4-9		CP231 x F1 (CP231)	MS	B502A2-113 May 29
10774	"		"	MS	✓
10775	F5-B55106A30-7-1, Pan 11/6 NW	E	leg MS-MR	"	May 25 20
10776	" E+M		leg MS-MR	"	✓
10777	" Pan 11/6 NW	E	leg MS-MR	"	✓
10778	" Pan		leg MS-MR	"	✓ V good CP types and F4
10779	" Pan 11/6	E	leg MS	"	✓ May 26
10780	Century Palna, Pan 11/6 NW	E	Check.	CP231	chk 46

no better than CP ck

	Date		Plant hgt. (in.)	Str	Ht	Lodme	
	1st Head	2nd Lape					
F5-B55106A30-7-2, ux 26						CP23/x F, (CP23/x B502A2-113)	26 10781
✓	"					sign MS	" 25 10782
✓	"					sign MS	" 24 10783
ux 27	"					sign MR	" 24 10784

	Date		Plant hgt. (in.)	Sh. Hd	Lodine
	1st Head	Full Ripe			
10801	F5-B55106A30-7-3		CP231x F(CP231)	B502A2-113	
Pan 11/6		E		Sept MR	May 27 24
10802	" Earlier than others			" Sept MR	31
Pan 11/6		E			
10803	" univ. earlier than CP			" Sept MR	May 29 25
Pan 11/6		E			
10804	" "			" Sept MR	
Pan 11/6		E			
10805	" "			" Sept MR	25
Pan 11/6		E			
10806	" "			" Sept MR	25
Pan 11/6		E+M			
10807	" A30-7-6			" Sept MR	May 30 27
Pan 11/6		E+M			
10808	" "			" Sept MR	24
Pan 11/6		E+M			

Very good CP topped in 194

	Date		Plant hgt. (in.)	Str Ht	2nd line	
	1st Head	2nd Head				
FS-B55106A30-7-6, CP231XF(CP231XB502A2-113)						
✓ 30		E	seg MR	24	10809	Pan 11/6 Hr
✓ 31		" A30-7-7 E+M	seg MR	34	10810	Pan 11/6
✓		" E	seg MR	25	10811	Pan 11/6 Hr
FS B55120A13-4-1						
✓ 32			S	"	10812	
✓		"	S	"	10813	
✓		"	S	"	10814	
✓		"	S	"	10815	
✓ 33		" A13-4-2	S	"	10816	

	Date		Plant hgt. (in.)	Str	2nd
	1st Head	Full Ripe			
10817	F5-B55120A13-4-2	CP231xF ₁ (CP231xB502A2-113)			
			S		May 33
10818	"	"	S		25
10819	"	"	S		
10820	Century Potna 231, Check	CP231			
10821	F5-B55120A13-4-2	CP231xF ₁ (CP231xB502A2-113)			
			S		May 35
10822	"	"	S		
10823	"	"	S		
10824	"	"	S		May 36

	Date		Plant hgt. (in.)	Sh. Hgt.	
	1st Seed	Full Ripe			
May-36	✓	"	S	"	10825
	✓	"	S	"	10826
	✓	"	S	"	10827
	✓	"	S	"	10828
May 37	"	AB-6	S	"	10829
	✓	"	S	"	10830
	✓	"	S	"	10831
	✓	"	S	"	10832

	Date		Plant hgt. (in.)	Sh Hd	Growth
	1st Head	Full Ripe			
10833	FS-BSS120A13; 6		CP231X F ₁ (CP231X B502A2-113)	S	May 38
10834	"			" S	✓
10835	"			" S	✓
10836	"			" S	May 39
10837	"			" S	✓
10838	"			" S	✓
10839	Century Patna 231, Check		MAY 40 41		
10840	Looks like CP 231 Century Patna, Check		CP 231 ok		

1st Head	Date Time	Plant hgt. (in.)	still	Jodme'	
✓	May 40	Century Palms 231	S	Check 37	10841
✓	look to be CP 231 pl. taken then 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100	"	S		10842
✓		"	S		10843
✓	F5-B55120A13-6 max 41		CP231 x F1 (CP231 x B502A2-113) S		10844
✓	"		S	"	10845
✓	"		S	"	10846
✓	"		S	"	10847
✓	F5-B55120A13-6 max 42		CP231 x F1 (CP231 x B502A2-113) S		10848

	Date		Plant hgt. (in.)	Stk Hgt	
	1st Head	Full Ripe			
10849	F5-B55120A13-6		CP231 x F(CP231 x B502A2-113)	S	Mex + 42
10850	"			" S	✓
10851	"			" S	✓
10852	"			" S	Mex 43
10853	"			" S	✓
10854	"			" S	✓
10855	"			" S	✓
10856	"			" S	Mex 44

	Date		Plant hgt. (in.)	Sh/Bl	Toline	
	1st Head	Full Ripe				
FS-B55/20A13-6 ex 44				S	CP231 x F, (CP231 x B502A2-113)	10857
✓ "				S	"	10858
✓ "		E		S	24	10859 Pan 4/6
Earlier than CP231 watch, v uniform mat CP231/ Century Patna, Check chk					37	10860 Hv
Taller than adj row FS-B55/20A13-6-8 ex 45				S	CP231 x F, (CP231 x B502A2-113)	10861 Hv
✓ "				S	"	10862
✓ "				S	"	10863
ex 46 FS-B55/20A13-14-1				S	"	10864

Rows 10,868 to 10879 are selected from CP231ck

	Date		Plant hgt. (in.)	Stk Ht	Disease
	1st Elong	Full Ripe			
10865	F5-B55120A13-14-1		CP231x F1 (CP231x B502A2-113)	S	May 46
10866	"			S	✓
10867	"			S	✓
10868	F5-B55120A13-15-1, E			S	May 52 22
10869	" E			S	24
10870	" E			S	23
10871	"			S	
10872	B55120A13-15-2,			S	May 53

Vigorous, CP types, Vigorous

Vigorous CP types in F4

	Date		Plant hgt. (in.)	Stk Ht		
	1st Seed	Full ripe				
FS-B55120A13-15-2, x 53				S	CP231 x F1 (CP231) x B502A2-113	10873
✓	"			S	"	10874
✓	"			S	"	10875
map 54 B55120A13-15-3				S	"	10876
✓	"			S	"	10877
✓	"			S	"	10878
✓	"			S	"	10879
CP 201 Century Palna, check chk						10880 Hn

	Date		Plant hgt. (in.)	Stems	Leaves
	1st Head	Full Ripe			
10881	FS- B55120A13-15-4	CP231 x F1 (CP231 x B502A2-113)		Stems	Leaves
10882	"	"		"	"
10883	"	"		"	"
10884	"	"		"	"

Date		Plant	St. H. Iodine			
1st	Full	hgt.				
Seed	Kipe	(in.)				
FS-BSS120A13-15-5, CP231x F(CP231x B502A2-113)						
✓	"	E	segr	25	10901	Pan 1/6
✓	"	E	segr	27	10902	Pan 1/6
✓	"	E+M	segr	"	10903	Ho
✓	"	E	segr	23	10904	Pan 1/6
rep 57 BSS120A13-15-6, CP231x F(CP231x B502A2-113)						
✓	"	E	segr	26	10905	Pan 1/6
✓	"	E	segr	29	10906	Pan 1/6
✓	"	E+M	segr	30	10907	Pan 1/6
✓	"	E+M	segr	25	10908	Pan 1/6

an occasional R plant at E. L. in 1957 Prob. Seac.

Prob. Seac. but cleared as MR on occasional R plant

	Date		Plant hgt. (in.)	str	Hd	Lodnie
	1st Head	Full Ripe				
10909	F5-B55/20A13-15-7, CP231x F/CP231x B502A2-113		E	segr		max 58 22
Pan	log, uniform, shorter lat					
10910	"		E	segr		22
Pan 11/6						
10911	"		E	segr		22
Pan 11/6						
10912	"		EdM	segr		22
10913	F4-B55/20A14-9-1,		E	segr		max 59 25
Pan 11/6						
10914	"		E	segr		27
Pan 11/6						
10915	"		E	segr		22
Pan 11/6						
10916	"		E	segr		26
Pan 11/6						

closed as MS at E. Lake in 1957 but prob. here. as only an occasional R plant

and are rather short lat. (Hd) also

Date	1st Flower	Ripe	Plant Plant hgt. (in.)	Stk Hgt	2nd Hgt	
May ex-60		E			31	10917 Pan 11/6
✓		cpht			37	10918 Pan 11/6
✓		Tach. then cp ck				10919
CP 231 chk		E			36	10920 Pan 11/6
FS-B55120A14-9-2, CP231 x F, (CP231 x B502A2-113.1) ex 61				S		10921
✓		"		S	26	10922 Pan 11/6 No
✓		"		S		10923
✓		"		S		10924

	Date		Plant hgt. (in.)	str / Ht	Line
	1st Head	Full Ripe			
10925	F5-B55120A14-9-3		CP23 x F1 (CP23) x B502A2-113	seg	mer-62
Pan 11/6		E	MS	25	↑
many short flag type present and short					
10926		E	seg	22	✓
Pan 11/6			MS		
and short flag types					
10927		E	seg	25	F4
Pan 11/6			MS		
Bred true for short flag progeny type					
10928		E	seg	24	leaves in
Pan 11/6			MS		
No short flag					
10929		E	seg	24	short flag
Pan 11/6			MS		
short flag					
10930	B55120A14-9-4			seg	mer 63
Pan 11/6		E	MR	22	✓
10931		E	seg	23	✓
Pan 11/6			MR		
No					
10932		E	seg	25	✓
Pan 11/6			MR		
short plant					
C.P. or earlier in F4					

Date		Plant	str	Hd	John	
1st	Full	hgt.				
Head	Ripe	(in.)				
F5-B55120A14-9-4						CP231 x F (CP231 x B502A2-113)
May-63	E		Seg		22	10933
			MR			Pan 11/6
B55120A14-9-5,					"	10934
May-64	E		Seg			Pan 11/6
			MR			Dr
"	E		Seg		24	10935
			MR			Pan 11/6
"	E		Seg		"	10936
			MR			
"	E		Seg		21	10937
			MR			Pan 11/6
						Dr
B55120A14-9-6					"	10938
May-65	E		Seg		23	Pan 11/6
			MR			Dr
"	E		Seg		"	10939
			MR			
CP 231	Century Patna, Chock				35	10940
chk	E					Pan 11/6
						Dr

	Date		Plant hgt. (in.)	str / h	2nd yr
	1st Head	Full Ripe			
10941	F5 B55/20A14-9-6		CP23/1 x F1 CP23/1 x B502A2-113	Seg	May 65
Pan 11/6		E		MR	Ex 23
10942	"			Seg	"
		E		MR	CP or earlier in
10943	F5-B55/20A15-1-1			Seg	May 66
Pan 11/6		E		MR	22
10944	"			Seg	"
		E		MR	
10945	"			Seg	L
Pan 11/6		E		MR	22
10946	"			Seg	L
Pan 11/6		E		MR	23
10947	B55/20A15-1-2			S	May 67
Pan 11/6		E & M			21
10948	"			S	"
Pan 11/6		E & M			20

Date		Plant			
1st	Full	hgt.			
Head	Ripe	(in.)			
✓	E	5	CP231 x F (CP231 x B502A2-113)	19	10949 Pan 1/6
✓	E	8		19	10950 Pan 1/6 Hr
✓	E	Seg MR		24	10951 Pan 1/6 Hr
✓	E	Seg MR		21	10952 Pan 1/6
✓	E + M	Seg MR		22	10953 Pan 1/6
✓	E	Seg MR		22	10954 Pan 1/6 Hr
✓	E + M	Seg MR		"	10955
✓	E	Seg MR		21	10956 Pan 1/6

	Date		Plant hgt. (in.)	stg/d	Lodme
	1st Head	Full Ripe			
10957	F5-B55/20A15-1-4		CP231 x F1(CP231 x B502A2-113)	sep MR	mex 69 22
Pan 11/6	E				
10958	"		E	sep MR	L 22
Pan 11/6					
10959	"		M	sep MR	✓
Pan 11/6					
10960	Century Palna, Chook		E		CP231 39 chk
Pan 11/6					
10961	F5-B55/20A15-1-4		CP231 x F1(CP231 x B502A2-113)	sep MR	mex 69 22
Pan 11/6	E				
10962	"		E	R	mex 70 25
Pan 11/6					
10963	"		E	R	L 25
Pan 11/6					
10964	"		E	R	✓ 25
Pan 11/11					

	Date		Plant hgt. (in.)	Sh	Lodine	
	1st Head	Full Ripe				
✓ 72	F5-B55120A15-1-7	E	R	24	CP231 x F. (CP231 x B502A2-113)	10965 Pan 11/11 Hr
✓	"	E	R	20	"	10966 Pan 11/11 Hr
✓	"	E	R	23	"	10967 Pan 11/11 Hr
✓ 75	F5-B55120A15-2-2	E	S	"	V. uniform, one of 1st	10968
✓	"	E	S	"	"	10969
✓	"	E	S	24	"	10970 Pan
✓ 76	B55120A15-2-3	E	SP	"	"	10971
✓	"	E	SP	"	"	10972

	Date		Plant hgt. (in.)	Str/Bd	Tolmie
	1st Head	Full Ripe			
10973	F5-B55/20A15-2-3		CP231xF	(CP231xB502A2-113)	met 76
		Σ	S?		21
	Pan Hr		v umi, slender, good		
10974		Σ	S?	"	✓
10975	B55/20A15-2-6		S		met 79
10976			S		✓
10977			S		21
	Pan 11/14		v good		
	Hr v		short ht, sl later than some		
10978			S		✓
10979		Σ	S		24
	Pan 11/11		shorter ht than CP231		
10980	Century Patna, Chook				CP231
	Pan 11/11				chk
	Hr				35

	Date		Plant hgt. (in.)	Shd	Lodine	
	1st Head	Full Ripe				
08/23/80 08/24/80 08/25/80 08/26/80 08/27/80 08/28/80 08/29/80 08/30/80 08/31/80 09/01/80 09/02/80 09/03/80 09/04/80 09/05/80 09/06/80 09/07/80 09/08/80 09/09/80 09/10/80 09/11/80 09/12/80 09/13/80 09/14/80 09/15/80 09/16/80 09/17/80 09/18/80 09/19/80 09/20/80 09/21/80 09/22/80 09/23/80 09/24/80 09/25/80 09/26/80 09/27/80 09/28/80 09/29/80 09/30/80 10/01/80 10/02/80 10/03/80 10/04/80 10/05/80 10/06/80 10/07/80 10/08/80 10/09/80 10/10/80 10/11/80 10/12/80 10/13/80 10/14/80 10/15/80 10/16/80 10/17/80 10/18/80 10/19/80 10/20/80 10/21/80 10/22/80 10/23/80 10/24/80 10/25/80 10/26/80 10/27/80 10/28/80 10/29/80 10/30/80 10/31/80 11/01/80 11/02/80 11/03/80 11/04/80 11/05/80 11/06/80 11/07/80 11/08/80 11/09/80 11/10/80 11/11/80 11/12/80 11/13/80 11/14/80 11/15/80 11/16/80 11/17/80 11/18/80 11/19/80 11/20/80 11/21/80 11/22/80 11/23/80 11/24/80 11/25/80 11/26/80 11/27/80 11/28/80 11/29/80 11/30/80 12/01/80 12/02/80 12/03/80 12/04/80 12/05/80 12/06/80 12/07/80 12/08/80 12/09/80 12/10/80 12/11/80 12/12/80 12/13/80 12/14/80 12/15/80 12/16/80 12/17/80 12/18/80 12/19/80 12/20/80 12/21/80 12/22/80 12/23/80 12/24/80 12/25/80 12/26/80 12/27/80 12/28/80 12/29/80 12/30/80 12/31/80 01/01/81 01/02/81 01/03/81 01/04/81 01/05/81 01/06/81 01/07/81 01/08/81 01/09/81 01/10/81 01/11/81 01/12/81 01/13/81 01/14/81 01/15/81 01/16/81 01/17/81 01/18/81 01/19/81 01/20/81 01/21/81 01/22/81 01/23/81 01/24/81 01/25/81 01/26/81 01/27/81 01/28/81 01/29/81 01/30/81 01/31/81 02/01/81 02/02/81 02/03/81 02/04/81 02/05/81 02/06/81 02/07/81 02/08/81 02/09/81 02/10/81 02/11/81 02/12/81 02/13/81 02/14/81 02/15/81 02/16/81 02/17/81 02/18/81 02/19/81 02/20/81 02/21/81 02/22/81 02/23/81 02/24/81 02/25/81 02/26/81 02/27/81 02/28/81 02/29/81 03/01/81 03/02/81 03/03/81 03/04/81 03/05/81 03/06/81 03/07/81 03/08/81 03/09/81 03/10/81 03/11/81 03/12/81 03/13/81 03/14/81 03/15/81 03/16/81 03/17/81 03/18/81 03/19/81 03/20/81 03/21/81 03/22/81 03/23/81 03/24/81 03/25/81 03/26/81 03/27/81 03/28/81 03/29/81 03/30/81 03/31/81 04/01/81 04/02/81 04/03/81 04/04/81 04/05/81 04/06/81 04/07/81 04/08/81 04/09/81 04/10/81 04/11/81 04/12/81 04/13/81 04/14/81 04/15/81 04/16/81 04/17/81 04/18/81 04/19/81 04/20/81 04/21/81 04/22/81 04/23/81 04/24/81 04/25/81 04/26/81 04/27/81 04/28/81 04/29/81 04/30/81 05/01/81 05/02/81 05/03/81 05/04/81 05/05/81 05/06/81 05/07/81 05/08/81 05/09/81 05/10/81 05/11/81 05/12/81 05/13/81 05/14/81 05/15/81 05/16/81 05/17/81 05/18/81 05/19/81 05/20/81 05/21/81 05/22/81 05/23/81 05/24/81 05/25/81 05/26/81 05/27/81 05/28/81 05/29/81 05/30/81 05/31/81 06/01/81 06/02/81 06/03/81 06/04/81 06/05/81 06/06/81 06/07/81 06/08/81 06/09/81 06/10/81 06/11/81 06/12/81 06/13/81 06/14/81 06/15/81 06/16/81 06/17/81 06/18/81 06/19/81 06/20/81 06/21/81 06/22/81 06/23/81 06/24/81 06/25/81 06/26/81 06/27/81 06/28/81 06/29/81 06/30/81 07/01/81 07/02/81 07/03/81 07/04/81 07/05/81 07/06/81 07/07/81 07/08/81 07/09/81 07/10/81 07/11/81 07/12/81 07/13/81 07/14/81 07/15/81 07/16/81 07/17/81 07/18/81 07/19/81 07/20/81 07/21/81 07/22/81 07/23/81 07/24/81 07/25/81 07/26/81 07/27/81 07/28/81 07/29/81 07/30/81 07/31/81 08/01/81 08/02/81 08/03/81 08/04/81 08/05/81 08/06/81 08/07/81 08/08/81 08/09/81 08/10/81 08/11/81 08/12/81 08/13/81 08/14/81 08/15/81 08/16/81 08/17/81 08/18/81 08/19/81 08/20/81 08/21/81 08/22/81 08/23/81 08/24/81 08/25/81 08/26/81 08/27/81 08/28/81 08/29/81 08/30/81 08/31/81 09/01/81 09/02/81 09/03/81 09/04/81 09/05/81 09/06/81 09/07/81 09/08/81 09/09/81 09/10/81 09/11/81 09/12/81 09/13/81 09/14/81 09/15/81 09/16/81 09/17/81 09/18/81 09/19/81 09/20/81 09/21/81 09/22/81 09/23/81 09/24/81 09/25/81 09/26/81 09/27/81 09/28/81 09/29/81 09/30/81 10/01/81 10/02/81 10/03/81 10/04/81 10/05/81 10/06/81 10/07/81 10/08/81 10/09/81 10/10/81 10/11/81 10/12/81 10/13/81 10/14/81 10/15/81 10/16/81 10/17/81 10/18/81 10/19/81 10/20/81 10/21/81 10/22/81 10/23/81 10/24/81 10/25/81 10/26/81 10/27/81 10/28/81 10/29/81 10/30/81 10/31/81 11/01/81 11/02/81 11/03/81 11/04/81 11/05/81 11/06/81 11/07/81 11/08/81 11/09/81 11/10/81 11/11/81 11/12/81 11/13/81 11/14/81 11/15/81 11/16/81 11/17/81 11/18/81 11/19/81 11/20/81 11/21/81 11/22/81 11/23/81 11/24/81 11/25/81 11/26/81 11/27/81 11/28/81 11/29/81 11/30/81 12/01/81 12/02/81 12/03/81 12/04/81 12/05/81 12/06/81 12/07/81 12/08/81 12/09/81 12/10/81 12/11/81 12/12/81 12/13/81 12/14/81 12/15/81 12/16/81 12/17/81 12/18/81 12/19/81 12/20/81 12/21/81 12/22/81 12/23/81 12/24/81 12/25/81 12/26/81 12/27/81 12/28/81 12/29/81 12/30/81 12/31/81	✓	Σ	S		20	10981
	✓	Σ	S			10982
	✓	Σ	S			10983
	✓	Σ	S			10984

	Date		Plant hgt. (in.)	str	Loc
	1st Seed	Full Ripe			
11001	FS-B55120A15-3-1		CP231 x F(CP231 x B502A2-113)		20
Pan 11/11		Segn	R		May 83
No		seed collected			
11002				"	19
Pan 11/11		Segn	R		
No		seed collected			
11003	B55120A15-3-3			"	23
Pan 11/11		E	MR		May 85
No			Segn		
11004				"	20
Pan 11/11		E	MR		
No			Segn		
11005				"	19
Pan 11/11		E	MR		
No			Segn		
11006				"	20
Pan 11/11		E	MR		
No			Segn		
11007	B55120A15-3-5			"	27
		med	MR		May 87
11008				"	18
Pan 11/11		Segn	MR		
		seed collected			

	Date		Plant hgt. (in.)	Str Ht	Lodme'	
	1st Bloss	Full Ripe				
Oct 87						
F5-B55120A15-3-5 CP231x F1(CP231xB502A2-113)						
	Seg		MR	20		11009 Pan 11/11
Sand ear heat						
	"		MR	17		11010 Pan 11/11
F5-B55120A15-3-7						
	Seg		RP	16		11011 Pan 11/11
excellent SP type Cl bit + mat, MW, V good Adv.						
	Seg		RP	17		11012 Pan 11/11
Sand ear heat						
	"		RP	17		11013 Pan 11/11
F5-B55120A15-3-8						
	Seg		RP	18		11014 Pan 11/11
Sl. shorter but then proceeding some						
Oct 90						
	Seg		R	23		11015 Pan 11/11
Shorter than previous						
	"		R	20		11016 Pan 11/11
CP231, as only						

	Date		Plant hgt. (in.)	Stk/Hd	Germine
	1st Seed	Full Ripe			
FS-B55120A15-3-8			CP231 x F	(CP231 x B502A2-11)	
11017		E	R		May 90 19
Pan 11/11					
Hr					
11018		E	R	"	✓ 18
Pan 11/11					
Hr					
11019		E	R	"	✓ 17
Pan 11/11					
Hr					
11020	Century Patna, Chook				CP231 chk
FS-B55120A15-5-1			CP231 x F	(CP231 x B502A2-11)	
11021		E			sup max 92 MS
Pan 11/11					
11022	"	E		"	sup ✓ MS 22
Pan 11/11					
11023	"	E		"	sup ✓ MS
11024	"	E		"	sup ✓ MS

	Date		Plant hgt. (in.)	Str	Godme	
	1st Head	Full Ripe				
May 93	✓	" E		S		11025
	✓	" E		S	"	11026
	✓	" E		S	"	11027
	✓	" E		S	"	11028
May 95		B55120A15-5-4 E		MS	" <u>20</u>	11029 Pair 1/11
	✓	" E		MS	" <u>20</u>	11030 Pair 1/11
	✓	" E		MS	"	11031
	✓	" E		MS	" <u>18</u>	11032 Pair 1/11

All plants from CP231

	Date		Plant hgt. (in.)	Stk Hgt	Growth
	1st Head	Full Ripe			
11033	F5-B55/20A15-5-5	E	CP231x F	CP231x B502A2-113	max 96
			Seg	MS	
11034	Pan 11/11	E		Seg	MS
					18
11035	Pan 11/11	E		Seg	MS
					25
11036	Pan 11/11	E		Seg	MS
					23
11037		Seg		Seg	MS
					Max 97
11038	Pan 11/11	E		Seg	MS
					19
11039	Pan 11/11	E		Seg	MS
					19
11040	Century Patna, Check	E			CP231
					39
					chk

	Date		Plant hgt. (in.)	Str/Hd	Lolmie	
	1st Head	Full ripe				
497	FS-B55120A15-5-6		CP23/xFi	CP23/x	B502A2-113)	11041
			MS			
498	B55120A15-5-7		VS	"		11042
✓	"	E	VS	"		11043
✓	"	E	VS	"		11044
✓	"	E	VS	$\frac{28}{28}$	pan 11/11	11045
✓	"	E	VS	$\frac{22}{22}$	pan 4/11	11046
✓	"	E	VS	"		11047
499	FS-B55120A15-5-8,		MS	$\frac{20}{20}$	pan 11/11	11048

	Date		Plant hgt. (in.)	2h 2h	2olme
	1st Seed	Full Ripe			
FS - B55120A15-5-8, CP231x F, (CP231x B502A2)					
11049		C		MS	May 99 21
Pan 11/11					
11050		E		MS	✓ 23
Pan 11/11					
11051		Sept		MS	✓
11052	CP 231, check, Σ				May 100
11053		"			✓ 25
Pan 11/11					
11054		"			✓
11055		"			✓
Pan 11/11					
11056		"			✓

	Date		Plant hgt. (in.)	Stk/Hd	Lodm	
	1st Head	Full Ripe				
CP231, Check						
W/100		E			37	11057 Pan 11/11
101 FS-B55120A15-9-1		E		Seg MS		11058
✓		E		Seg MS	17	11059 Pan 11/11 Hr
231 Century Patna, Check		E				11060
FS-B55120A15-9-2 CP231 x F1(CP231 x B502A2-113)		E		MS	18	11061 Pan 11/11
W/102		E				
✓ nearly as tall as CP		"		"	"	
"		E		MS	20	11062 Pan 11/11
✓		"		"	"	
"		E		MS		11063
✓		"		MS	18	11064 Pan 11/11 Hr
Al shorter than CP 231 & similar next unless otherwise noted		"				
shorter than CP		"				

	Date		Plant hgt. (in.)	M. Ht	Lodme'
	1st Lead	Full Ripe			
11065	F5-B55/20A15-9-3		CP231xF, (CP231xB502A2-1		
Pan 11/11	E	See	See	MS	May 104 19
11066	"	E	"	MS	✓ 17
Pan 11/11	Mr CP 11/11 mat V good				
11067	B55/20A15-9-4		"	MS	May 104
	E				
11068	"	E	"	MS	✓ 20
Pan 11/11	Mr				
11069	"	E	"	MS	✓
	plaster (10)				
11070	"	E	"	MS	✓ 18
Pan 11/11					
11071	B55/20A15-9-5,		"	S	May 105
	E				
11072	"	E	"	S	✓ 17
Pan 11/11	CP mat				

Do (can from 11,071 to 11,076 to determine whether max 105 or 104, also 11077 to 11079) 49

	Date		Plant hgt. (in.)	Sh H	2nd line	
	1st Head	Full Ripe				
FS-B55120A15-9-5						CP231xF(CP231xB502A2-113)
max 105				S		11073
Panicle has few grains at base, should tend to eliminate immature grain at base	"			S	19	11074
						Pan 11/11
	"			S	"	11075
	"			S	18	11076
						Pan 11/11
max 106 (not 105)	"			? ns	"	11077
✓	"			? ns	18	11078
						Pan 11/11
✓	"			? ns	"	11079
CP231 Century Patna Check						11080
chh						

	Date		Plant hgt. (in.)	Disease
	1st Head	Full Ripe		
11081	F5-B55120A15-9-5		CP231xF1(CP231xB502A2-113)	P MS May 106 (prob. 105)
11082	B55120A15-9-7			" MS May 107 18
11083	Pan 11/11 Hr CP440 d shorter & as early grow			" MS 17
11084				" MS ✓

1st Head	Date	Plant hgt. (in.)	Stk Hgt. 'Dadme'	
F5-B55120A15-9-7 not 108 Pach 107)	E		CP231 x F. (CP231 x B502A2-113) MS 22	11101 Pan 11/11 Hn
✓	" E		MS 18	11102 Pan 11/11 Hn
not 109 B55120A15-9-8, light green color 8/14 very talling Pach 108)	E		MS 20	11103 Pan 11/11 Hn
✓ light green color 8/14 very talling	E		MS 20	11104 Pan 11/11
✓ light green color 8/14 very talling	E		MS 19	11105 Pan 11/11 Hn
✓	E		MS 15	11106 Pan 11/11
not 110 B55120A15-9-9 Pach 109)	E		MS	11107
✓ Possibly slanting then sister rows + sl tall then sister rows	E		MS 18	11108 Pan 11/11 Hn

	Date		Plant hgt. (in.)	Stk Hgt	Lohme
	1st Seed	Full Ripe			
11109	F5-B55120A15-9-9, CP23/x F1/CP23/x B5502A2-113				
Pan 11/11		E		Seg	max 110 (prob 109)
				MS	21
11110		"		"	✓
Pan 11/11				Seg	20
✓				MS	
	✓ good grain type				
11111	B55120A15-9-10			"	max 111 (prob 110)
Pan 11/11				MS	17
✓				"	✓
11112		"		"	✓
				MS	
11113		"		"	✓
Pan 11/14				MS	19
	grow at E. Lake in 1958 to verify identity				
11114	F5-B55120A15-10-1,			"	max 112 (prob 111)
				VS	
11115		"		"	✓
				VS	
11116		"		"	✓
Pan 11/14				VS	
✓	grow at E. Lake in 1958 to verify identity.				

	Date		Plant hgt. (in.)	Stk/Ht <i>2nd</i>		
	1st Head	Full ripe				
	F5-B55120A15-10-1				CP231 x F (CP231 x B502A2-113) VS	11117
	<i>met 112</i> <i>(arch 111)</i>					
	7/24/113 B55120A15-10-2				Segn MS	11118
	<i>Go 112</i>					<i>Pan 11/14</i> <i>Don</i>
	✓ "				Segn MS	11119
	CP231 Century Patna, Check					11120
	<i>chk.</i>					<i>Pan 11/14</i> <i>Don</i>
	F5-B55120A15-10-3				CP231 x F (CP231 x B502A2-113) VS	11121
	<i>met 114</i> <i>Go 113</i>					
	✓ "				VS	11122
	✓ "				VS	11123
	✓ "				VS	11124

seems good

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	Date		Plant hgt. (in.)	Stk Hgt	Zodine
	1st Head	Full Ripe			
11125	F5-B55120 A15-10-4		CP231x F, (CP231x B502A2-113)	MS	max 115 (20 114)
11126	"	"	"	MS	✓ 18
11127	"	"	"	MS	✓ 20
11128	"	"	"	MS	✓ 19
11129	B55120 A15-10-5		"	MS	max 116 (20 115)
11130	"	"	"	MS	✓
11131	"	"	"	MS	✓ 23
11132	B55120 A15-10-6		"	Segv. MR	max 117 (20 116) 19

	Date		Plant hgt. (in.)			
	1st Seed	Full Ripe				
				St. H. <i>Godme'</i>		
	F5 -	B55120A15-10	-6	CP23/F(CP23) x B502A2-113)		
	May 117			Segv MR	18	11133
	(20 116)					Pan 11/14
						Nv
	✓	"		Segv. MR	19	11134
						Pan 11/14
						Nv
	✓			MS		11135
	✓			MS	34	11136
						Pan 11/14
	✓			MS	30	11137
						Pan 11/14
	✓			MS		11138
				Severest dam by first.		Pan
	✓			MS	31	11139
						Pan 11/14
	P231	Century Patna, Cheek				11140
	ch					

Not 120 CP237
 20 119
 prob 120
 Probably CP231, grow in 1959
 at head as early as possible for direct fruit.
 Yield rather unknown but no taller than CP237

Conced dam by first

	Date		Plant Hgt. (in.)	still	Lodine
	1st Ecod	Full Ripe			
11141	CP23/			MS	May 120 (2019)
11142	F5-B55120A15-12-3 CP23/AF, CP23/B502A2-U3			MS Segr	May 122 (20121)
11143	" CP23/			MS Segr	25
11144	" CP23/			MS Segr	20
11145	" CP23/			MS Segr	19
11146	B55 120A15-12-4,			MS	May 123 (20122) 19
11147	"			MS	18
11148	CP23/			MS	

1st Head	Date	Plant hgt. (in.)	sh 140 <i>Lodme</i>	
✓ 123 (22/22)	F5-B55/20A15-12-4	MS	CP231 x F. (CP231 x B502A2-113)	11149
✓ 124 (22/22)	" A15-12-5	segr MS	"	11150
✓	"	segr MS	"	11151
✓	"	segr MS	" 20	11152 pan 1/4 Hr
✓	"	segr MS	" 23? 20	11153 pan 1/4 Hr
✓ 127 (22/26)	" A15-12-8	MS	"	11154
✓	"	MS	"	11155
✓	"	MS	" 19	11156 pan 1/4 Hr

	Date		Plant hgt. (in.)	Stk Ht	Zodmei
	1st Head	Full Ripe			
11157	F5-B55120A15-12-8, CP231xF1(CP231xB502A2-113)		MS		May/12 (20/26)
	Pan 11/14				18
11158	"		MS		23
	Pan 11/14				
11159	F5-B55120A30-6-1		" S		May/12 (20/27)
11160	Century Patna, Chook				CP231 Chk
11161	F5-B55120A30-6-1		CP231xF1(CP231xB502A2-113) S		May/12 (20/27) 22
	Pan 11/14				
11162	"		" S		✓
	Pan 11/14				
11163	"		" S		✓
11164	" A30-6-2,		MS		May/12 (20/28)

Date		Plant		
1st Head	Full Ripe	hgt. (in.)	Jodmi	
F5-B55120A30-6-2		CP23/xF, (CP23/xB502A2-113)	MS	22 11165
max 129 (2a 128)				Pan 11/4
✓	"		MS	27 11166
				Pan 11/4
				Nu
max 130 (2a 129)	"	A30-6-3	VS	11167
✓	"		MS	27 11168
				Pan 11/4
✓	"		MS	11169
max 131 (2a 130)	"	A30-6-4	VS	11170
✓	"		VS	22 11171
				Pan 11/4
				Nu
✓	"		VS	11172

	Date		Plant hgt. (in.)	Stk Ht	Zodme
	1st Eled	Full Ripe			
11173	F5- Pan 11/14 Hr	B55/20A30-6-4	CP231x F1 (CP231x B502A2-113)	VS	Mo 1/31 20/30 28
11174	"	A30-6-S,	"	S	Mo 1/32 Semi stink 20/31
11175	"	"	"	S	✓ Semi stink
11176	✓ Pan 11/14 Hr	"	"	S	✓ N. 24
11177	✓ Pan 11/14 Hr	"	"	S	✓ N 24
11178	"	CP hits Mot	"	S	✓ N
11179	✓ Pan 11/14	"	"	S	✓ N 22
11180		Century Palna, Check			CP231 chk

Date		Plant	Stk Hgt	Joshua	
1st Head	Full Ripe	hgt. (in.)			
F5-B5S120A30-6-6 CP23/x F. (CP23/x B502A2-113)					
✓ 133 (20132)		MR	✓	24	11181 No Pan 11/14
✓ Shorter than CP23 ✓ good in field	"	MR	"	27✓	11182 No Pan 11/14
	"	MR	"		11183 No Pan 11/14
✗ 134 (20133)	✗ A30-6-10	MS	✗	✗	11184 No Pan 11/14
	"	MS	"	"	
	"	MS	"	"	
	"	MS	"	"	
	"	MS	"	"	
	"	MS	"	"	

	Date		Plant hgt. (in.)	Stk / Ltr	Lodmi
	1st Head	Fall Ripe			
11201	F5-B55/20A30-6-7,		CP23/xF, (CP23/xB502A2-11)	MS	met 134 2133
11202	" "		MS	"	27 22
11203	" "		MS	"	21
11204	B55/20A30-6-8		VS	"	met 135 2134
11205	" "		VS	"	25 22
11206	" "		VS	"	plants shorter than CP23
11207	" "		VS	"	plants shorter than CP23
11208	B55/20A30-6-9		VS	"	met 136 2135

Date	Plant ht. (in.)	Str. Ht. Lodm.				
1st Head	Full Ripe					
F5-B55120A30-6-9	VS	CP23/2R	CP23/2B50242	23	11209	Pan 1/14
20136						
20135						
✓						
✓						
20137	B55120A30-6-10	VS	CP23/2R	24	11211	Pan 1/14
20136						
✓						
✓						
✓						
✓						
✓						
✓						
✓						
✓						
✓						
✓						
✓						
✓						
✓						
✓						
✓						

	1943		Plant hgt. (in.)	Jodine
	1st Head	Full Ripe		
11217	FS-B55117A18-12-3		CP231x F1 (CP231xB502A2-1B)	MR
Pan 1/14				med 142 (22141)
✓	later & shorter than CP			24
11218	"		"	MR
Pan 1/14				18
	CP 1st & med v good			
11219	"		"	MR
				18
✓	like 11217			
11220	Century Patna, 231, Check		CP231	chk.
	FS-B55117A18-12-4		"	
11221			VS	med 142
Pan 1/14				(22142)
	v good			29
11222	"		"	VS
Pan 1/14				35
	later than CP 231 & later v good			
11223	"		"	VS
				✓
11224	"		"	VS
	later than CP 231 & later v good			✓

	Date		Plant hgt. (in.)	Stk Hgt Dodme		
	1st Seed	Full Ripe				
much shorter than the other plants	✓	"				
	✓	"				
	✓	"				
	✓	"				
	✓	"				
	✓	"				
	✓	"				
	✓	"				
	✓	"				
	✓	"				
	✓	"				
	✓	"				
	✓	"				
	✓	"				
	✓	"				

BSS117A18-12-5, CP231xF, (CP231xB502A2-113-1)

MS
segr

39

11225

Pan 11/14
NoMS
segr

"

11226

MS
segr

"

19

11227

Pan 11/14
NoMS
segr

"

27

11228

Pan 11/14

Fs-BSS133A16-12-1 CP231xF, (CP231xB502A2-154)

segr
MS

17

11229

Pan 11/14
Nosegr
MS

"

11230

segr
MS

"

11231

segr
MS

"

18

11232

Pan 11/14
No

	Date		Plant hgt. (in.)	Sh. Ht.	Johns
	1st Head	Full Ripe			
11233	F5-B55133A16-12-2		CP231xFl	CP231xBS02A2-18	254 May 146 22 145
Pan 11/14					
11234	"				22
11235	"				18
Pan 11/14					
11236	B55133A16-12-3				May 147 22 146
11237	"				16
Pan 11/14					
11238	"				
11239	"				
11240	Century Patna 231, Check				CP231 chh

Date		Plant	St. Hb		Jodme'	
1st	2nd	Hgt.	Head	Leaf		
		(in.)		shape		
FS-B55133A16-12-4					CP23(xF)CP23(xB502A2- ¹⁵⁴ FB)	11241
✓	"				Segr MS	
✓	"				Segr MS	11242
✓	"				Segr MS	11243
✓	"				Segr MS	11244
✓	"				Segr MS	11245
✓	"				Segr MS	11246
✓	"				Segr MS	11247
✓	"				Segr MS	11248

are about 1/2 in. or 1/2 in. shorter

	Date		Plant hgt. (in.)	Stk Ht	Location
	1st Head	Full Hipe			
FS- B55133A16-12-7					
11249	Pan 11/14			Seg	Met 150
	Hor.			MS	20/149
	"			"	19
11250	Pan 11/14			Seg	Met 150
	Hor.			MS	18
	"			"	✓
11251				Seg	Met 150
				MS	✓
	"			"	✓
11252				Seg	Met 150
				MS	✓
	"			"	✓
B55133A16-12-9					
11253	Pan 11/14			VS	Met 153
	"			"	20
11254	Pan 11/14			VS	Met 153
	"			"	20
11255				VS	Met 153
	"			"	20
11256				VS	Met 154
	"			"	20/153

Date		Plant hgt. (in.)	sh/H	Jodme	
1st Head	2nd Head				
FS-B55133A16-12-10,	CP231 x F, (CP231) x B502A2-154				
next 154 20153	S			A=18 B=17	11257 Pan 11/14
✓	"			"	11258 Pan 11/14
✓	"			"	11259 Pan 11/14 Hr
sl taller than CP, Hgt. 100	CP231/Century Patna 231, Check				11260
✓					
FS-B55133A16-12-12,	CP231 x F, (CP231) x B502A2-154				
next 156 20155	S				11261
✓	"			"	11262
✓	"			"	11263 Pan 11/14
✓	"			"	11264 Pan 11/14 Hr

	Date		Plant hgt. (in.)	Stk Hgt	Dadme
	1st Head	Full Ripe			
F5-B55133A16-12-13, CP231x F, (CP231xBS02A2-154)					
11265			S		May 157 20156
11266	Pan 11/14		S		19 ✓
11267	Pan 11/14		S		18 ✓
11268			S		19 ✓
F5-B55133A16-14-1,					
11269	Pan 11/14		R		May 160 20159 19 ✓
11270	Pan 11/14		R		20 ✓
11271	Pan 11/14		R		18 ✓
11272	Pan 11/14		R		May 161 20160

"

"

"

"

"

"

"

R

"

"

R

"

"

R

@ P 231

R

Highly stunted now could this
be male stunted, all plants are stunted

Date		Plant hgt. (in.)	Stk Hgt Lodme		
1st Seed	Full Ripe				
FLORABANDANA WITH 1803/160					
not 161	CP231, ck	S			11273
20/60	3/160				
✓	"	"	S	"	11274
not 162	B55133A16-14-2,	S	"	21	11275
20/61					Pan 11/14
✓	"	"	S	"	11276
				22	Pan 11/14
✓	"	"	S	"	11277
				19	Pan 11/14
✓	"	"	S	"	11278
				20	Pan 11/14
not 163	B55133A16-14-3	R-S	"	19	11279
20/62					Pan 11/14
CP231	Century Patna, Check				11280
chk					

	Date		Plant hgt. (in.)	Shld	Jodme
	1st Elood	Full Ripe			
F5-B55/33A/6-14-3					
11281				Seg	may 16
Par 11/14				R-S	20/62 18
11282				"	✓
Par 11/14				Seg	17
11283				"	may 16
Par 11/14				Seg	Short HT in F
				R-S	20/63 15
11284				"	✓
Par 11/14				Seg	Short HT in F4
				R-S	22

" were damaged by frost
 " 11, 28/1/82 aged the most
 " and photo
 " then CP 231

Date		Plant hgt. (in.)	Lodine		
1st Head	Full ripe				
F5-B55133A16-14-4			CP231x F1 (CP231x B502A2-154)		
max 164	20163		Segr R-S	17	11301
hort Ht N F4					Pan
" "			Segr R-S	22	11302
hort Ht N F4					Pan
max 165 B55133A16-14-5			Segr R-S	19	11303
20164					Pan
" "			Segr R-S	19	11304
					Pan
" "			Segr R-S	"	11305
" "			Segr R-S	"	11306
max 166 B55133A16-14-6			Segr MS	"	11307
20165					Pan 11/15
" "			Segr MS	21	11308
					Pan 11/15
all leaves section dry 1 1/2 inch			shorter let the other + CP		

	Date		Plant hgt. (in.)	Stk. Hgt. 2nd me
	1st Head	Full Ripe		
11309 Pan 11/15	F5-B55133A16-14-6,		CP231x F1 (CP231x B502A2-15)	Segm max 166 MS <u>20</u> 21
11310 Pan 11/15	"		"	Segm ✓ MS <u>19</u>
11311 Pan 11/15 Dr	B55133A16-14-7		"	max 166 R <u>20</u> 19
11312 Pan 11/15 Dr	"		"	✓ R <u>17</u>
11313 Pan 11/15 Dr	"		"	✓ R <u>19</u>
11314 Pan 11/15 Dr	"		"	✓ R <u>20</u>
11315 Pan 11/15 Dr	F5-B55133A16-14-8		"	max 166 Segm <u>20</u> S-R 22
11316 Pan 11/15	"		"	✓ Segm <u>20</u> S-R

not done by frost
rather dry leaves 11/15
not done by frost

green leaves
not done by frost
about 1st May
later mat.

1st Head	Date	Plant hgt. (in.)	Sh Ht <i>Lodini</i>	
max 168 20/67	F5-B55133A16-14-8,		CP231 x F (CP231 x B502A2-154) Segr <u>19</u> S-R	11317 Pan 11/15 Hr
max 169 20/68	✓ <i>very row</i> B55133A16-14-9,		CP ht Segr	11318
✓	"		Segr <u>18</u>	11319 Pan 11/15
	CP 231 Century Patna 231, Check		chk	11320
max 169 20/68	B55133A16-14-9		CP231 x F (CP231 x B502A2-154) Segr	11321
✓	"		Segr <u>18</u>	11322 Pan 11/15 Hr
max 170 20/69	F5-B55133A19-3-1		CP231 x F (CP231 x B502A2-154) R	11323
✓	Segr ht + mat same v tubs		R	11324
	like 11323			Hr

	Date		Plant hgt. (cm)	Mth	Hd	2nd	3rd
	1st Seed	Full Ripe					
11325	FS-B55133A19-3-1		CP23/xF (CP23/xBS02A2154				
Pan 11/15			R				Mat 170 20/169
Nr	Shorter than CP as early v good						19
11326			"				✓ 20
Pan 11/15	2mg lit.						
11327	BS5133A19-3-2		"				Mat 171 20/170
Pan 11/15			R				18
Nr	" green leaves x stems no fruit the 2mg lit. may be few later present.						
11328			"				✓ 20
Pan 11/15			R				
Nr							
11329			"				✓ 21
Pan 11/15			R				
11330			"				✓ 20
Pan 11/15			R				
11331	BS5133A19-3-3,		"				Mat 172 20/171
	green leaves x stems no fruit the 2mg lit. may be few later present.		Seg				
			MR				
11332			"				✓ 19
Pan 11/15							
Nr	[green by fruit]						
			Prob an R family				
			MR				

Date		Plant hgt. (in.)	St. Hgt. Lodme.			
1st Elood	Full Ripe					
Met 172 20171	F5-B55133A19-3-3,		Segr MR		CP231 x F (CP231 x B502A2-154)	11333
✓	"		Segr MR	18		11334 Pan 11/15 Hv
Met 173 20172	B55133A19-3-4		Segr	"		11335
✓	"		Segr	20		11336 Pan 11/15
✓	"		Segr	17		11337
Met 177 20176	F5-B55133A19-5-1		VS	"		11338
✓	"		VS	19		11339 Pan 11/15
P 231 chk	Century Patna 231, Check.					11340

P 231
chk

	Date		Plant hgt. (in.)	St. Hgt.
	1st Head	Full Ripe		
11341	F5-B55133A19-5-1, CP231 x F1(CP231 x B502A2-15)		VS	May 177 20176
11342			VS	May 180 20179
11343	"		VS	✓
11344	CP231, check		S	May 181 20180
11345	"		S	✓
11346	"		S	✓
11347	F5-B55133A19-5-8 CP231 x F1(CP231 x B502A2-15)		VS	May 185 20184
11348	"		VS 1	✓

Date	1st Seed	Full Ripe	Plant hgt. (in.)	str. hgt. <i>Lodmè</i>	
up 185 20184	✓	"	F5-B55133A19-5-8	CP231x F (CP231x B502A2-154) VS <u>22</u>	11349 Pan hr
	✓	"	"	VS	11350
up 186 20185	✓	"	A 19-5-9	S	11351
	✓	"	"	S <u>18</u>	11352 Pan 11/15
	✓	"	"	S	11353
	✓	"	"	S <u>A=21 B=23</u>	11354 Pan 11/15
found 3 V short plants					
up 197 20196	✓	"	F5-B55133A33-7-1	R <u>21</u>	11355 Pan 11/15 hr
	✓	"	"	R <u>20</u>	11356 Pan 11/15 hr

	Date		Plant hgt. (in.)	Sh Hd	Lodm
	1st Head	Full Ripe			
11357	F5-B55133A33-7-1	CP23/xF/CP23/xB502A2-154	R		met 197 20196 25
11358	"	"	R		22
11359	" A33-7-2	"	R		met 198 20197 27
11360	Century Patna 231, Check	CP231			chk
11361	F5-B55133A33-7-2	CP23/xF/CP23/xB502A2-154	R		met 198 20197 24
11362	"	"	R		24
11363	"	"	R		21
11364	A33-7-4	"	R		met 200 20199 22

Date		Plant			
1st Eled	Full Ripe	hgt. (in.)			
			<i>str/H</i>	<i>Lodme</i>	
<i>not 200</i> <i>20199</i>		<i>F5-B55133A33-7-4</i>	<i>CP231 x F1</i>	<i>(CP231 x B502A2-154)</i>	<i>22</i> 11365 <i>Pan 1/15</i> <i>HV</i>
✓			<i>R</i>	<i>25</i>	11366 <i>Pan 1/15</i> <i>HV</i>
<i>not 201</i> <i>20200</i>		<i>CP231, CK</i>			11367
✓	"	"			11368
✓	"	"			11369
<i>not 220</i> <i>20219</i>		<i>F5-B55107A11-8-1</i>	<i>Segm.</i> <i>MR</i>		11370
✓			<i>Segm.</i> <i>MR</i>		11371
✓		<i>all late rows</i>	<i>Segm.</i> <i>MR</i>	<i>23</i>	11372 <i>Pan 1/15</i>

	Date		Plant hgt. (in.)	Stk Hgt	Lodmi
	1st Head	Full Ripe			
	B55107A11-8-2				
11373	Pan 11/15			Segu MR	max 220 202 19 25
11374		CP231, CK			max 221 202 20
11375	"	"			✓
11376	"	"			✓
	F5-B55107A11-8-3				
11377	Pan 11/15 Mr			CP231 x F1 (CP231 x B502A2-15) MR	max 222 202 21 23
11378	Pan 11/15 Mr			" MR	✓ 23
11379	Pan 11/15 Mr			" MR	✓ 21
11380	Century Palna 231, Check				CP231 chk

1 good " much shorter than the CP are looking

Date		Plant hgt. (in.)	sh	h	ID
1st Ebud	Full Ripe				
FS-B55107A11-8-4 CP23/xF/CP23/xB502A2-154)					
July 223 20222			MR	30	11381 Pan 11/15 NW
✓	"		MR	29	11382 Pan 11/15 NW
✓	"		MR	27	11383 Pan 11/15 NW
July 224 20223	" A11-8-5		MR	39	11384 Pan 11/15 NW

	Date		Plant hgt. (in.)	Stk. Hgt. 2ndme
	1st Hood	Full Ripe		
1401	Pan $\frac{11}{18}$ Nov $\frac{11}{18}$	Shrubby plant ✓ good	MR 1	Met 224 <u>28</u> 20 223
11402	Pan $\frac{11}{18}$ Nov $\frac{11}{18}$		MR	<u>29</u>
11403	Pan $\frac{11}{18}$ Nov $\frac{11}{18}$	" A 11-8-6	MR	Met 225 <u>21</u> 224
11404		"	MR	
11405	Pan $\frac{11}{18}$ Nov $\frac{11}{18}$	"	MR	<u>23</u>
11406		"	MR	
11407	Pan $\frac{11}{18}$ Nov $\frac{11}{18}$	"	MR	<u>24</u>
11408	He $\frac{11}{19}$	FS-B55107A 12-10-1,	R	Met 227 <u>18</u> 20 22

Date		Plant			
1st Head	Full Ripe	hgt. (in.)			
F5-B55107A12-10-1			CP23/x F (CP23/x B502A2-154)		
✓	"	R	22	11409	Pan 1 1/8 Hr 1 1/8
✓	"	R	20	11410	Pan 1 1/8 Hr 1 1/8
✓	"	R	20	11411	Pan 1 1/8 Hr 1 1/8
✓	"	MR	19	11412	Pan 1 1/8 Hr 1 1/8
✓	"	MR	"	11413	Hr 1 1/8
✓	"	MR	22	11414	Pan 1 1/8 Hr 1 1/8
✓	"	MR	22	11415	Pan 1 1/8
✓	"	MR	"	11416	

	Date		Plant hgt. (in.)	Stk Hl	2ndme
	1st Head	Full Ripe			
11417	F5-B55107A12-10-3,		CP231xF1	CP231xB502A2-154	may 229 20 228 17
	Pan $\frac{11}{18}$		MR		
	Nr $\frac{11}{18}$				
11418	"		"	MR	✓
11419	"		"	MR	✓ 19
	Pan $\frac{11}{18}$				
	Nr $\frac{11}{18}$				
11420	Century 231, Check			CP231	chk
11421	F5-B55107A12-10-4,		CP231xF1	CP231xB502A2-154	may 231 20 222
			MS		
11422	"		"	MS	✓
11423	"		"	MS	✓ 22
	Pan $\frac{11}{18}$				
	Nr $\frac{11}{18}$				
11424	"		"	MS	✓

	Date		Plant hgt. (in.)	H/Hd	Disease
	1st Head	Full Ripe			
11433	F5-B55107A12-10-6,			CP231x F1(CP231x B502A12)	MR
					max 23 20 23
11434	" A12-10-7,			"	MR
Pan $\frac{11}{18}$					max 23 20 23
Nr $\frac{11}{18}$					18
11435	" "			"	MR
Pan $\frac{11}{18}$					20
Nr $\frac{11}{18}$					
11436	" "			"	MR
					20
11437	" "			"	MR
Pan $\frac{11}{18}$					19
					20
11438	F5-B55107A12-11-1			"	VS
Pan $\frac{11}{18}$					20 23
Nr $\frac{11}{18}$					22
11439	" "			"	VS
Pan $\frac{11}{18}$					19
Nr $\frac{11}{18}$					20
11440	Century Patna 231 Check			CP231	chk

Date		Plant		
1st Head	Full Rape	hgt. (in.)	Stk Hgt	9 Lodine
FS-B55107A12-11-1			CP231xF ₁ (CP231)xB502A2-154	
✓ Max 234 20233			VS	11441
✓	"		VS	" 11442
✓ Max 235 20234	" A12-11-2,		VS	" 11443
✓	"		VS	" 11444
✓	"		VS	" 11445 Pan $\frac{1}{8}$ Hr $\frac{1}{2}$
✓	"		VS	" 11446 Pan $\frac{1}{8}$ Hr $\frac{1}{2}$
✓	"		VS	" 11447
✓ Max 236 20235	" A12-11-3		VS	" 11448

Shorter plants more of each

	Date		Plant hgt. (in.)	Hb. Hb. <i>Godme</i>	
	1st Hood	Full Ripe			
11449	F5-B55107A12-11-3		CP23/xF	CP23/xB502A2-154	
Pan $\frac{11}{18}$			VS	May 23	
Nov $\frac{11}{18}$				2023	
				23	
11450	"		"	"	
Pan $\frac{11}{18}$			VS	23	
Nov $\frac{11}{18}$					
11451	"		"	"	
			VS		
11452	" A12-11-4		"	"	
			VS	May 23	
				2023b	
11453	"		"	"	
			VS		
11454	"		"	"	
			VS		
11455	"		"	"	
Pan $\frac{11}{18}$			VS	24	
Nov $\frac{11}{18}$					
11456	" A12-11-5		"	"	
			VS	May 23	
				2023	

Tail & long row

Shorter plants than CP23 in F4

Date		Plant	Stk	Hgt	Growth	No
1st	Full	hgt.				
Seed	Kipe	(in.)				
F5-B55107A12-11-5,			CP231xF,(CP231xB502A2-154)			
may 238			VS	27		11457
20237						Pan 11/18
						No 11/12
✓	"		VS	"		11458
✓	"		VS	"		11459
				A=23 B=24		Pan 11/18
						No 11/12
CP231 Century Patna 231, Check						11460
chk						
F5-B55107A12-11-6,			CP231xF,(CP231xB502A2-154)			
may 239			S	26		11461
short 20238			Seg?			Pan 11/15
flag						No 11/12
IN F4						
✓	"		S	25		11462
Short flag			Seg?			Pan 11/15
IN F4						
✓	"		S	26		11463
Short Flag			Seg?			Pan 11/15
IN F4						
✓	"		S	24		11464
Short flag			Seg?			Pan 11/15
IN F4						

	Date		Plant hgt. (in.)	Stk Ht	Zodine
	1st Head	Full Ripe			
11465 <i>pan 11/15</i>	F5-B55107A12-11-7,		CP231XF(CP231XB502A2-154)	S Segs?	met 239 Short 223 flag in Fy 28
11466 <i>pan 11/15</i>	"		"	S Segs?	Short flag in Fy 24
11467	" A12-11-7,		"	S	met 240 20 239
11468	"		"	S	✓
11469	"		"	S	✓
11470	"		"	S	✓
11471	Century Fatna 231, Check				met 241 20.240
11472	"		"	MR	✓

Date		Plant hgt. (in.)	Stk Hgt	Dose	
1st Seed	1st hgt				
Century Patna 231, Check					11473
May 24/11 25 240					
Irradiated - plant Stem B502A2-113 plant del	X2- G.F. 9359	Irradiated			11474
	v short ht	35		Pan 11/15	
	"	39		Pan 11/15	11475
	v short ht,	"			11476
	"	"		Pan 11/15	
May Im. B502A2-113	v short ht	"			11477
"	are too late to prod normal grain or almost del panicle	"			11478
"		"			11479
CP 231 Century Patna 231, Check					11480
chk					

Date		Plant hgt. (in.)
1st Head	Full Ripe	

X₂-C.F. 9359, Irradiated

11481

max. Irra
B502 A2-11

"

"

✓

11482

"

"

11483

"

"

11484

Jodna

	Date		Plant hgt. (in.)		
	1st Head	2nd Head			
1764 B55134A12-1				TPx (BB150xTP)	11501
				24	Pan 10/23 ✓
1773 B55134A21-1,				"	11502
				30	Pan 10/3 ✓
1776 B55134A23-1,				"	11503
				25	Pan 10/3 ✓
1779 B55128A1-1,				"	11504
10/25 Very early row				23	Pan 10/3 ✓
1780 B55128A2-1,				"	11505
late					Pan 10/21
1783 B55128A5-1,				"	11506
Sept				24	Pan 10/23 ✓
13 P.I. 162,096					11507
2. 162,096				39	Pan 10/23
13 P.I. 162,096					11508
10/10 or earlier				44	Pan 10/23 ✓

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
F ₃ 11509 Pae 11/21	B5580A1-1 CP231x		Sho 17		11326
11510 Pae 11/21	"	-2,	"		✓
11511 Pae 11/21	"	-4,	"		17✓
	High STERILITY				
11512 Pae 11/21	"	-5,	"		✓
11513 Pae 11/21	"	-6,	"		✓
11514 Pae 11/21	"	-7,	"		✓
	seg. hull color				
11515 Pae 11/21	"	-8,	"		✓
	seg. hull color				
11516 Pae 11/21	"	-9,	"		✓

Date		Plant hgt. (in.)
1st Seed	Full Ripe	

F3- B5580A1-10, CP231xSLO17

11,326

11517

seg. dull color, H. sturdy.

Pur 1 1/2,

✓ " -11, "

11518

seg. dull color, H. sturdy

Pur 1 1/2,

✓ " -12, "

11519

Pur 1 1/2,

✓ " -13, "

11520

Pur 1 1/2,

✓ " -14, "

11521

seg. dull color

Pur 1 1/2,

✓ " -15, "

11522

seg. dull color

Pur 1 1/2,

✓ V short pl. H. sturdy straw than other, watch

" -16, "

11523

Pur 1 1/2,

✓ " -17, "

11524

Pur 1 1/2,

	Date		Plant hgt. (in.)	
	1st Head	Full Ripe		
11525 Pur 11/21	B5580A / -18,		CP231 x Sh017	11,32
11526 Pur 11/21	"	-19,	"	✓
11527 Pur 11/21	"	-20,	"	✓
11528 Pur 11/21	"	-21,	"	✓
11529 Pur 11/21	B5574A / -1		CP231 x MT4-1	11,33
11530 Pur 11/21	"	-2,	"	✓
11531 Pur 11/21	"	-3,	"	✓
11532 Pur 11/21	"	-4,	"	✓

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
F3 - 11,330 11,331 11,332 11,333 11,334 11,335 11,336 11,337 11,338 11,339 11,340					11533
quite uniform, small stems rather short but look good except for wk show	✓	"	-6	"	11534
	✓	"	-7	"	11535
	✓	"	-8	"	11536
	✓	"	-9	"	11537
Shorter ft & sturdier stems v. good row.	✓	"	-10	"	11538
	✓	"	-11	"	11539
	✓	"	-12	"	11540

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
11541	Feb 25 1926		-13		11,330
	Jan 11/26				
11542			-14		✓
	no fan 1 pm				

Date		Plant		
1st Head	2nd Head	hgt. (in.)		
11, 330		-15		11601
✓		-16		Pan 1 1/2 6 11602
11, 334				Pan 1 1/2 6 11603
F ₃ - B5452A1-1, BBt50 x PE 184, 676				
✓		-2		Pan 1 1/2 6 11604
✓		-3		Pan 1 1/2 6 11605
✓		-4		Pan 1 1/2 1 11606
✓		-5		Pan 1 1/2 6 11607
✓		-6		Pan 1 1/2 6 11608

possibly not BBt50 x PE 184, 676 may be
 C 231 x an Indian variety, more lodging
 than previous cross, & can which follows.
 Check to see if they have flavor.

	Date		Plant hgt. (in.)		
	1st Bloss	Full Ripe			
11609	F3 B5452A1-7, BBt50xPI.184, 676				11,335
	Jan 11/26				
11610	-8				✓
	Jan 11/26				
	could they be winter hardy? excellent second growth in spite of cold				
11611	-9				✓
	Jan 11/26				
11612	-10				✓
	Jan 11/26				
11613	-11				✓
	no Jan				
11614	-12				✓
	Jan 11/26				
11615	-13				11,335
	Jan 11/27				
	✓ good now				
11616	F3 B5450A3-1, BBt50xPI.175, 473				11,335
	Jan 11/29				
	✓ good now				

1st Head	Date Ripe	Plant hgt. (in.)	11617
✓ F3-B5450A3-2, 11,338			disc
✓ Shells Too Tall			
	-3,		11618
			Pan 11/27
✓	-4,		11619
			Pan 11/27
✓	-5,		11620
			Pan 11/27
✓	-6,		11621
			Pan 11/27
✓	-7,		11622
			Pan 11/27
✓	-8,		11623
			Pan 11/27
✓	-9,		11624
			Pan 11/27

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
11625	F ₃ -B5450A3-10, BBT50xPI, 195, 473				11, 338
11626		-11,	"		✓
11627		-12,	"		✓
11628		-13,	"		✓
11629		-14,	"		✓
11630		-15,	"		✓
11631		-16,	"		✓
11632		-17,	"		✓

Lodme

1st Head	Date	Full Ripe	Plant Hgt (in.)		
F3-B5553A1-1, 1,341				CP231xCRH-13	11633
					Pan 11/27
1,353					11634
					Pan 11/27
GR TYPE ALL SEABURG RED RICE 1956				BBT 50 Taller than BBT 50	11635
M. G. R. DAYTON H. R.				Sigs rough + smooth & for met a hybrid 27	11636
OLD GR. 1956				BBT 50.P	Pan 11/27
BARNBY HRI 1956				a med grain type	11637
BBT-50 BROWN HULL SEABURG 1956				Brown hulls & normal hull (Sigs)	11638
BBT-50 FIELD 2 1956				normal hulls Bald grain, erect panicles, stiff peduncle, conical awnlets	11639
BBT-50 FIELD 11				Brown hulls & straw legs	11640

Date		Plant	
1st	Final	hgt.	
Head	Ripe	(in.)	
Lohme			
Hyb Mix 11-49-19-2, ESh-gr Bulk.			11701
131			
X2	Short GR, CP231, Irradiated		11702
HOAT GR	breeding true, same as 11,710		
P231			
X2	Like, 11710	65	Nov 11/19
5464			11703
5484			11704
7959 F4, B546/A3-32-1, B5320A x B5387A			11705
		27	Nov 11/19
7971 F4, B546/A3-45-1,			11706
		11	Pan 11/8
			Pan 11/8
sl. later than 11,705, v good			
Short ht, long gran.			
P145 F4, B5464A2-24, Hyb Mix x Red CP			11707
		48	Pan 11/8
			Nov 11/19
Uniform Short ht, short gran, v good			
FIELD 14 CP231, Sel., B57-11708			11708
		10/25	
RAGE STEM			
TALLER THAN			
CP231	not CP231, Too tall		Pan 11/8

✓ 100% mother also collected by Shoh.

	Date		Plant hgt. (in.)	Podme	1956 no
	1st Head	Full Ripe			
11709	B57-11709, CP231 Sol.				CP-231 RPR STERILE
	near normal CP231 but some deformed glumes				
11710	B57-11710, CP231 Irrad. Sol.				CP231
	SHORT GRAIN TYPE				SH. GR.
	10/25				X ₂
	Life 11, 702				
	short grain, erect panicle, condensed sterility				
11711	B5437A2-9, 7Px				8944
	10/20			25	
	all weak straw				
11712	B502A2-113, BBT x CP231			30	9125
	short ht. few normal, most are highly sterile				
11713	"			30	
	mostly sterile, sterile line of glumes				
	leaves sterile & normal, all sterile but 4 or 5 Normal				
11714	X-126-1-3, CP231			3227-1, 25 hrs.	9307
	More Sterility than Normal.				
	V tall plants				
	Highly sterile all plants semi sterile in varying degrees				
11715	B55106A30-8, CP231 x (CP231 x B502A2-113-1)			65	10,080
	straw husks, V good row				
	very good row, little sterility				
11716	B55198A3-4, TP ₂ x F ₁ (CI9122 x TP)			25	10,435
	10/18				
	Too tall weak straw				

1956 no	Date		Plant hgt. (in.)	Iodine		
	1st Head	Full Ripe				
B55-8512	✓		Short stature			11717 Pesture
GH#914			✓ short stature breeding true			11718 Pesture
TETRA. CP231	✓		no plants			
GH#915						
9301	✓		X-44, CONTROL CP231			11719 Segregating highly sterile & normal (3:1 ratio) appears normal, Pesture
#GH942						
9304			X-126-1-3, CP231, (3 227-1 25hrs)			11720 Segr. Norm & highly sterile (3:1 ratio) in 1956 Pesture
GH 943						
9307			X-126-1-3, CP231	"		11721 More sterility than normal Paul 1/27 ✓
GH#944			Segr. normal & ^{highly} sterile, all normal height			
9313			X-133 to X-140, CP231, 25,000 R units			11722 Highly Productive in 1956 53 Paul 1/29 ✓
GH#945			Marginal & good row			
9323			X-65 to X 71, CP231, 15,000 R units			11723 Highly Sterile in 1956 Paul 1/29 ✓
GH#946			Mostly normal, few highly sterile			
9327	✓		" CP231	"		11724 Highly Sterile in 1956 Paul 1/27 ✓
GH#947			all sterile row			

✓ Pollen mother cells collected by Shoh.

	Data		Plant hgt. (in.)	...
	1st Head	Full Ripe		
11725	X81 to X84, CP231, (15,000 R units)		9344	
	v. highly sterile			
	all sterile now			
11726	X-98-3-1, CP231 (20,000 R units)		9363	
	v. Short ht. + Sterility in 1956			
	Breeding true, v. short ht, consid sterility			
11727	X98-3-6, " "		9367	
	v. short ht. + Sterility in 1956			
	steriles rather short ht, tangled panicles			
	normals & highly steriles			
11728	X102-3-1-2, " "		9377	
	Highly Sterile in 1956			
	Prob a BBT, Is late & highly sterile			
11729	X103-3-1-5 " "		9383	
	Narrow leaf in 1956			
	a few normals present, are prob natl crosses.			
11730	X103 to X112-1, " "		9412	
	Consid. Sterility & shorter Ht than Normal in 1956.			
	shorter than normal ht, near normal in other respects.			
11731	X125-3-1-3, " "		9445	
	Seq. Plant ht, Highly Sterile in 1956			
	only 3 plants both have twisted glumes like str. hd. & highly sterile			
11732	X125-3 BBT50, 3225-2, 16HRS.		9457	
	X142-1-4-2,			
	later than 11733			

1st Head	2nd Head	Plant Height (in)	Plant Width (in)	Plant Depth (in)	Plant Weight (g)	Plant Color
9474	✓	X147-1-4-1,	BBT50,	3225-1,	16 HRS.	11733
		Segr. Norm + Sterile IN 1956, Pan from normal				
GH#936		Pan 1/27				
9484	✓	X150-2-4,	"	"		11734
		Consid. Steril. IN 1956, seeded				
GH#937						
9518	✓	X152-1-2,	"	"		11735
		Twisted glumes IN 1956				
		Twisted glumes short lit.				
GH#938						
9533	✓	X155-1-3-2,	"	"		11736
		Short, twisted, Sterile Panicles IN 1956				
GH#939						
9543	✓	X155-3-4-4,	"	"		11737
		Dwarf, Sterile IN 1956				
		✓ short sturdy straw, wide leaves, short grain above normal tillering,				
GH#940						
95-10, 452		X156 to X168,	"	"		11738
#1		Yellowish Green IN 1956				
greenhouse 916		yellowish green, ✓ short lit,				
✓	✓	"				
		Yellowish Green IN 1956				11739
#2		Pan 1/27 ✓				
greenhouse 917		Like 11738				
		"				11740
#3	✓	Yellowish Green IN 1956				
greenhouse 918		Like 11, 738				
		Pan 1/27				

	Date		Plant hgt. (in.)
	1st Head	Full Ripe	
11741	X156 to X168, BBt50, 3225-2, 16 HRS. Yellowish Green in 1956		✓ 055.10, 45. #4

Like 11,738

11742	X157-3-4-12, BBt50, 3225-2, 16 HRS. v. short ht.		Greenhouse 919 9607
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mostly short ht

GH# 941

	Date		Plant hgt. (in.)			
	1st Ebud	Full Ripe				
Greenhouse #923						
636 X165-3-4-2, BBt50, 3225-2, 16 HRS.						11801
V. Short ht & Sterile in 1956						
Greenhouse #923						
637 X137-2-1-4, BBt50, 3226-2, 20 hrs.						11802
Short ht. poorly filled panicles in 1956						
Greenhouse #925						
641 X173-2-2-2, " " " " " "						11803
Uniformly Sterile in 1956, Sl. shorter ht than Norm						
Greenhouse #924						
648 X238-3-4-2, BBt50, 20,000 R units						11804
Highly Sterile, Short ht. in 1956						
Greenhouse #926						
672 X239 to X245, " " " "						11805
Tall & highly Sterile in 1956						
Greenhouse #927						
713 X180 to X186-9, BBt50, 3226-2, 20 HRS.						11806
Short ht, Partial Sterility, Short Pan., Lacks Vigor in 1956						
Greenhouse #928						
720 X192 to X196-4, " " " "						11807
Saved highly Sterile in 1956, was Segr, 3N & 15h						
Greenhouse #929						
726 X192 to X196-10, " " " "						11808
Intermed. ht., Sterile, in 1956.						
Greenhouse #930						

	Date		Plant hgt. (in.)	Lodine
	1st Head	Full Ripe		
11809	X221-3-2-1, BBt50, 15,000 R units Short ht. Sterile in 1956			9755
11810	X256-3-4-8, BBt50, 25,000 R units Non elongating stem & peduncle, Sterile in 1956			9753
11811	X ₃ C.I. 9359, #3 , Inadited near C prot near normal, earlier than average			932 MEX IRRI. #1
11812	"			2
11813	a few mid early plants saved.			3
11814	prot. no seed set acct late & possibly sterility 1 or 2 early pl			4
11815	Some plants earlier than average.			5
11816	a late row some seed set, uniform			6
	Highly sterile, late			

Date		Plant		
Let Head	Full R.	hgt. (in.)		
EX. IRR. X ₃ - C.F. 9359		(B502) 12-113	2nd me	
✓ 7			Unadist.	11817
late, Prob. near normal some sterility,				Pan 11/27
✓ 8		"	"	11818
				Pan 11/27
sl. earlier than average			"	11819
✓ 9	10/28	"	A = 71 B = 77	Pan 11/19 ✓
Very Early row, sl. shorter than average			"	11820
✓ 10		"	"	Pan 11/27
near normal.			"	11821
✓ 11		"	"	Pan 11/27
near normal			"	11822
✓ 12		"	"	Pan 11/27
near normal			"	11823
✓ 13		"	"	Pan 11/27
most are highly sterile ✓ short lit. some steriles, some seeds			"	11824
✓ 14		"	A = 33 B = 32	Pan 11/19 ✓
Earlier than others by 2 weeks, rather tall				11/19

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
11825	X ₃ C.I. - 9359,	X ₃ , Inadistal			Jodine MEV. IRK. #15
Pan 11/27	near normal				
11826	"				✓16 25
Pan 11/19	near cl mat, Earlier than other rows.				
11827	"	"			✓17
Pan 11/27	near normal				
11828	"	"			✓18 28
Pan 11/19	Few plants earlier than average				
11829	"	"			✓19
Pan 11/27	Same for shrub. Saved No steriles ✓ short ht. highly sterile, 2 normal plants				
11830	"	"			✓20
Pan 11/27	Saved Norm and set of steriles mostly highly sterile, short ht. Some normal				
11831	"	"			✓21
Pan 11/27	Highly sterile (entire row)				
11832	"	"			✓22
Pan 11/27	Pract. no seed set. Highly sterile short ht.				

	Date		Plant		
	1st Head	Full Ripe			
EX. IRR. X3 - C.I. 9359, Irradiated			Lodine		
✓ 23					11833
					Pan 11/27
near normal, Prob. more stinkety					
✓ 24			"	"	11834
highly stinkety row short ht					Pan 11/27
✓ 25			"	"	11835
Proba natural cross (Mexicalva)					Pan 11/27
med. grain row, Prob not CI 9359					
✓ 26			"	"	11836
				25	Pan 11/19
Prob C P not					
✓ early row same Pan					Nr 11/19
✓ 15			"	"	11837
				36	
10/30					
early, straw hulls					Pan 10/23 ✓
037 F ₃ - B5517A3 - , CP231 x F ₁ (CP231 x P.I. 180, 177)					11838
Short in 1956				65	Pan 10/23 ✓
✓ good grain type (large, strong), ✓ good					
↑ appears to be shorter than 11839					
✓					
Short in 1956				45	11839
may taller too much + lodges a result but interesting					Pan 10/23
✓ good grain type, rather tall ✓ good					
large strong, some short strawed Prod plants					
049 B5517A42; CP231 x P.I. 180, 177				15	11840
early, weak straw + tall					Pan 10/23 ✓

	Date		Plant hgt. (in.)	Lodna	
	1st Head	Full Ripe			
11841	B55108A7L, CP231xF(CP231xB502A2-66-1) V. Early plant in 1956			20	1247
✓ Pan 10/23	Sept mat, some ripe 10/20 others 3 wks later				
11842	B5567A3 TPxCP231-TP			64	1272
✓ Pan 10/23	Ripe 10/30 or later				

Date		Plant		
1st Head	Full Ripe	hgt. (in.)		
392	B55118A6, TPx(CF9278 xTP)			11901
	v. short plant			
400	B55123A5,	"		11902
445	B55221A3, BBt50x BBt50x H0341)			11903
	about BBt mat. few earlier			Pan 11/27
	Saved earliest short ht in 1957			
506	B55195A6, TP ₂ x (CF9122 xTP)			11904
	spv mat.			Pan 11/27
	Saved 100 day type. Prob shorter ht than most.			
509	B55196A6-	"		11905
	Some v early (were saved)			Pan 11/27
513	B55195A12-	"		11906
543	B55200A2-			11907
601	B5546A1-	, CP231x F(CP231x Zayas Bajan)		11908

	Date		Plant ht. (in.)		
	1st Head	Full Ripe			
11909	F ₃ -B5489A8-	CP23/XF ₁ (CP23/XZoyos Bazon)	1615		
Pan 11/27	V good grain type, CP mat or earlier advance				
11910	F ₃ -B5489A20-	CP23/XF ₁ (CP23/XCF. 8970)	1627		
Pan 11/27	V early mat on				
11911	F ₃ -B55124A28-	BBt50 x F ₁ (BBt50 x B502A2-113)	1659		
Pan 11/27					
11912	-	-	"		✓
Pan 11/27					
11913	F ₃ -B55130A9-	xBBt50	1686		
Pan 11/27					
11914	F ₃ -B55130A6-	"	1692		
	Highly sterile late mat no seed set.				
11915	F ₃ -B542A3-	CP23/XPI 184,675	1699		
Pan 11/27					
11916	BBt 50	(Sterile Plant)	1722		
	Highly sterile no				

[are prob. BBt50 x PI 184,675?
 are tall some have flower
 pr anthers, etc.]

	Date		Plant hgt. (in.)				
	1st Seed	Full Ripe					
58 F3-B55134A6-				TP x F1 (BBT50 x TP)		11917	
Damaged by frost 1 year Uniformly early, rather tall, may lodge						Pan 11/27	
63 F3-B55134A11-				"		11918	
Seg. Mat. not too tall						Pan 11/27	
XORO						11919	
37/ IBORAXA X A8 X BBT x ORAZ						11920	
1 F2, B5617A17 X Rexoro x F1 (Rexoro x P183.33)							
"							
"				"		11921	
"				"		11922	
"				"		11923	
"				"		11924	

discarded too tall
discarded too early

	Date		Plant hgt. (in.)	Greenhouse no.
	1st Head	Full Buds		
11925	MAAATAA-8A/VBXTACR281 F2-B5617A17, Rex.xFi(Rox x R1P3331)			837/
11926	"	"	"	✓
11927	"	"	"	✓
11928	MAAATAA-8A/VBXTACR281 F2-B5617A42		"	843/1
11929	Tall to 4' tall, much clustering do not see pan if grown in F2 Block, some late plants		"	✓
11930			"	✓
11931			"	✓
11932			"	✓

	Date		Plant hgt. (in.)	
	1st Head	Full Ripe		
11941	BLANCKET SETA BRACHIO F ₂ -BS617A 1, Rex x F ₁ (Rex x PI-183.331)		832/1 ✓	greenhouse in.
11942	"	"	"	✓

no.	Date		Plant				
	1st Head	Full Ripe	hgt. (in.)				
32/1	W. B. 5617 A1					12001	
	F ₂ -B5617A1, Rex x F ₁ (Rex x P.I.-183,331)						
	"			"		12002	
32/3	F ₂ -B5617A3,			"		12003	
	late & rather tall						
32/4	F ₂ B 5617A4,			"		12004	
	"			"		12005	
	"			"		12006	
	"			"		12007	
	"			"		12008	

about 1st row
ready plants
good population

mostly late, few plants set seed, all
inbred lots, some with long tillering

	Date		Plant Hgt. (in.)	Greenhouse no.
	1st Head	Full Ripe		
12009	BTBMMWMAAQA	BTBMMWMAAQA		832 4
	F ₂ -B5617A4, Rex x F. (Rex x PI-12333)			
12010	"	"		✓
12011	"	"		✓
12012	BTBMMWMAAQA		"	834 1
	F ₂ -B5617A11,			
12013	"	"		✓
12014	"	"		✓
12015	"	"		✓
12016	"	"		✓

Late plants, only an occasional plant set seed, rather tall.

purchase
no

Purchase no	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
34	B5617A11, B5617A12, B5617A13 F2-B5617A11, Rex x F1 (Rex x PI-183331)					12017
✓	"	"	"	"	"	12018
✓	"	"	"	"	"	12019
38	B5617A14, B5617A15 F2-B5617A19,					12020
✓	some larvae, damaged lot, good looking plants. V good.	"	"	"	11/26	12021
		"	"	"	"	12022
41	B5617A20, B5617A21 F2-B5617A33,					12023
✓	Mostly v late but sturdy plants short st, long tillering, Pan. saved 1/26	"	"	"	"	12024
✓		"	"	"	"	"

	Date		Plant hgt. (in.)			greenhouse no
	1st Head	Full Ripe				
12025	AAAAAAAAAAAA AAAAAAAAAAAA F ₂ -B5617A43, R ₀ x x F ₁ (R ₀ x x PI-18333)					843
12026	" <i>low tellering, some promoting grain + plant types some v early plants</i>		"			✓
12027	" <i>Mr. Bullock for sure many v good plants</i>		"			✓
12028	" <i>short etc, some v early plants</i>		"			✓
12029	AAAAAAAAAAAA AAAAAAAAAAAA F ₂ -B5617A44,		"			844 1
12030	" <i>short strawed plants, few are early, many set seed, long tellering but sturdy straw</i>		"			✓
12031	" <i>Mr. Bullock for sure many very good plants</i>		"			✓
12032	" <i>Mr. Bullock for sure many very good plants</i>		"			✓

enhance

✓ 44 1	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
	BRADMANIA BRADMANIA F2-B5617A44 Rex x F (Rex x P-183,331)					12033
✓	"	"	"	"	"	12034
✓	"	"	"	"	"	12035
✓	"	"	"	"	"	12036
71	BRADMANIA PROBABLY C.F. 9122					12037
✓	"	"	"	"	"	12038
✓	"	"	"	"	"	12039
✓	"	"	"	"	"	12040

[illegible]

	Date		Plant hgt. (in.)			
	1st Head	Full Ripe				
56-122		P.I. 183,331				12101
<u>ARENT</u>						
✓		11				12102
X ₂ , X ₁ X ₀ RO		mid				12103
✓		mid				12104
✓		CP mid		<u>24</u>		12105 An 11/15 An 11/15 Pan 11/15
✓		Very early row V late				12106
✓		CP mid		<u>22</u>		12107 Pan 11/15 An 11/15
✓		Very early row V late				12108

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
12109	Jan 11/15	CPond		22	REXOK X ₁
12110	Nov 11/15	very early row			TEX. PA. X ₁
12111		late			✓
12112		late			✓
12113	Nov	mid		26	✓
12114		late			✓
12115		mid			✓
12116	B517A4-119-2, CP231 x B4510A 174				25
	Nov 11/15				

Date		Plant			
1st Head	Full Ripe	hgt. (in.)			
			Lodine		
74	B517A4-119-2, CP231x B4510A		24		12117
✓	Ripe 11/8	"	22		12118
					Nu 11/15
77	B517A4-127-2,		26		12119
✓	"	"	28		12120
					Nu 11/15
✓	Ripe 11/8	"	25		12121
					Nu 11/15
05	B5227A2-64-1, CP231x B4513A		14		12122
	10/10				
✓	Lodged 11/8 over ripe 11/8	"	13		12123
	10/10				
✓	Lodged 11/8 over ripe 11/8	"	15		12124
	10/10				
	rather full long for munch back center				

	Date		Plant hgt. (in.)		
	1st Head	Full Ripe			
12125	B5117A1-11-4, CP231 x C.E. 9122			24	206
	Nov 11/15				
12126	"			22	✓
	Nov 11/15				
12127	"			22	✓
	Nov 11/15				
12128	B5117A2-28-3,			25	209
	Nov 11/15				
12129	"			24	✓
	Nov 11/15				
12130	"			27	✓
	Nov 11/15				
12131	B5117A1-4-1,			23	212
	Nov 11/15				
12132	"				✓
	Nov 11/15				

promising now ripe 11/8

promising now ripe 11/8

2d green than other 2 now 11/15

Some lodged on 11/8
now ripe 11/15

Date		Plant			
1st Head	Full Ripe	hgt. (in.)			
212	B5117A1-4-1,	CP231XCF. 9/22	<u>22</u>	12133	Nu 11/15
225	B505A1-11-1-1,	CP231X H012	<u>20</u>	12134	Nu 11/15
Al. immature on 11/8 Ripe 11/15	"	"	<u>18</u>	12135	Nu 11/15
	"	"	<u>17</u>	12136	Nu 11/15
	"	"	<u>23</u>	12137	Nu 11/15
	"	"	<u>27</u>	12138	Nu 11/15
226	B505A1-17-1-1,	"	<u>23</u>	12137	Nu 11/15
Ripe by 11/8 good	"	"	<u>27</u>	12139	Nu 11/15
	"	"	<u>25</u>	12140	Nu 11/15
229	B505A1-66-1-2,	"	<u>25</u>	12140	Nu 11/15

Data		Plant hgt. (in.)
1st Head	Full Ripe	

12141	B505A1-66-1-2, CP231 x H012	<u>25</u>	22
-------	-----------------------------	-----------	----

Nov 11/15

Immature on 11/15

12142	"	<u>28</u>	✓
-------	---	-----------	---

Nov 11/15

Good to Save Plants for Shoh

11,823

11,829

11,830

11,831

11,832

11,834

11,916 maybe male sterile

S 4 material starts with 10,701
10,275 has a shale mutant

1957

1 to 94

401 to 458

UNITED STATES
DEPARTMENT OF AGRICULTURE

FIELD NOTES

AGRICULTURAL RESEARCH SERVICE
FIELD CROPS RESEARCH BRANCH
COTTON AND OTHER FIBER CROPS

Uniform Field Nursery
VAR. No. 1 - 94

REPLICATED FIELD PLOTS
VAR. No. 1 - 458

Block 39 W

remove early plants, pull

watch 451 for crossing

If this notebook is lost, will finder please mail to:

**U. S. DEPARTMENT OF AGRICULTURE
Field Crops Research Branch
Plant Industry Station
Beltsville, Maryland**

16-61780-2

SUGGESTIONS CONCERNING FIELD DATA AND NOTES

COTTON AND OTHER FIBER CROPS

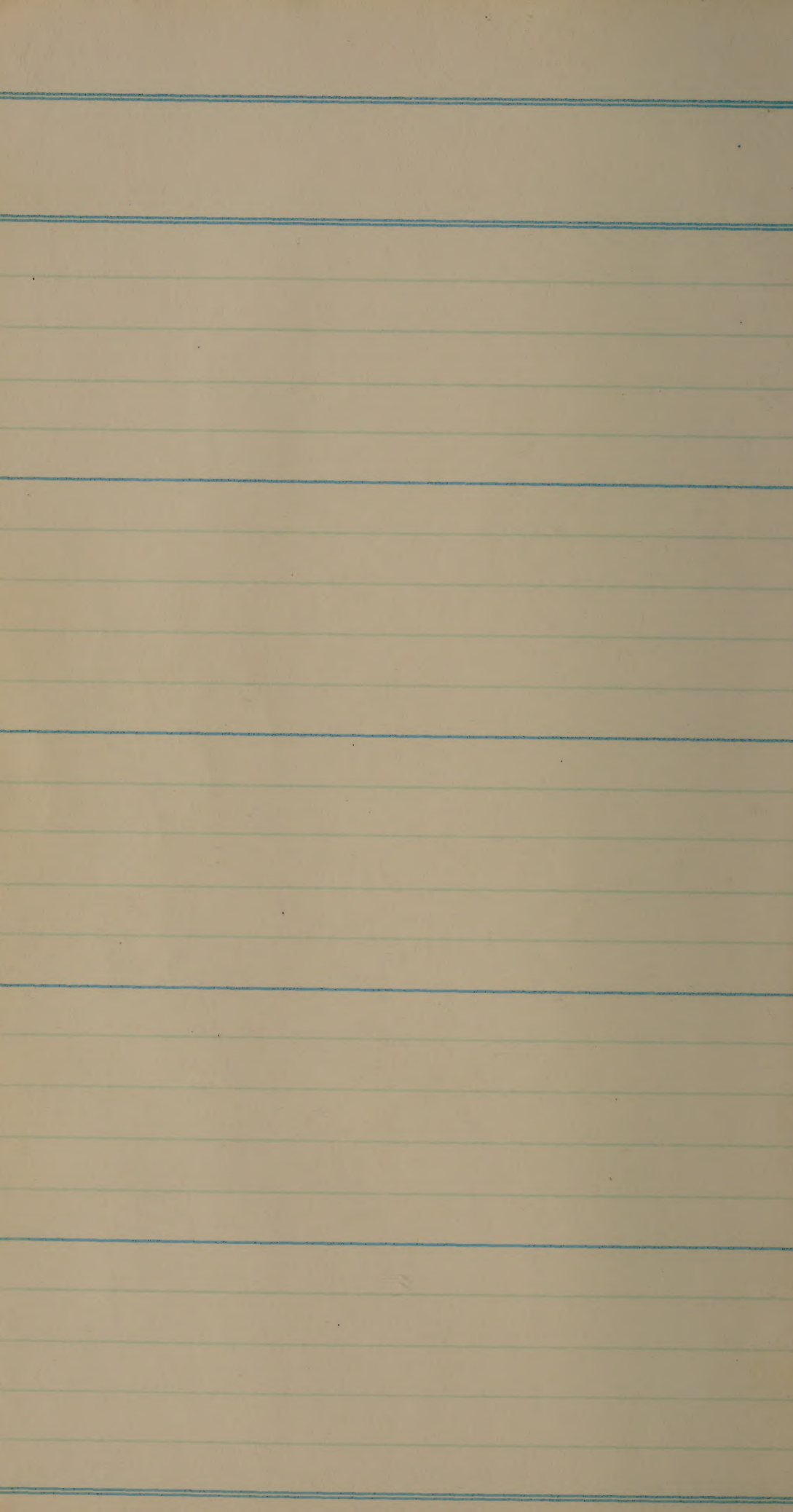
It is suggested that the following general information be recorded for each field experiment:

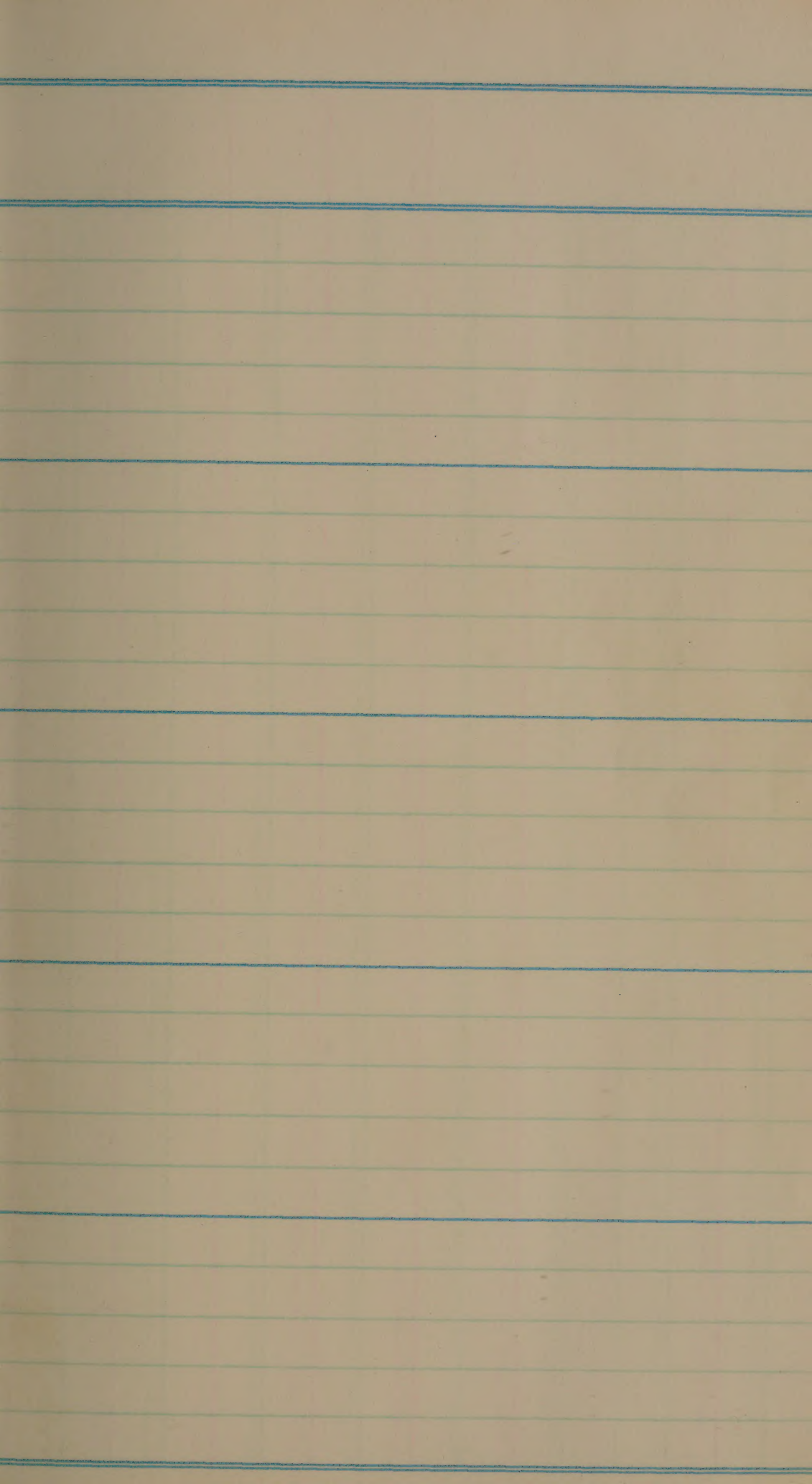
1. Name of experiment or study.
2. Soil type.
3. Previous crops and fertilizers (2 years).
4. Preparation of land: (a) Methods (b) Dates
5. Size of plot:
 - (a) Area in square feet
 - (b) Number of rows
 - (c) Length of rows
 - (d) Width of rows
6. Fertilizer:
 - (b) Analysis (N-P-K)
 - (c) Pounds per acre
 - (d) Method of application
 - (e) Time of application
 - (e) Side dressings
7. Planting: (a) Date (b) Rate (c) Method
8. Thinning: (a) Date (b) Method (c) Approximate optimum spacing attempted
9. Cultivation: (a) Implements used (b) Dates
10. Dates at which all notes and samples are taken.
11. Dates of pickings.

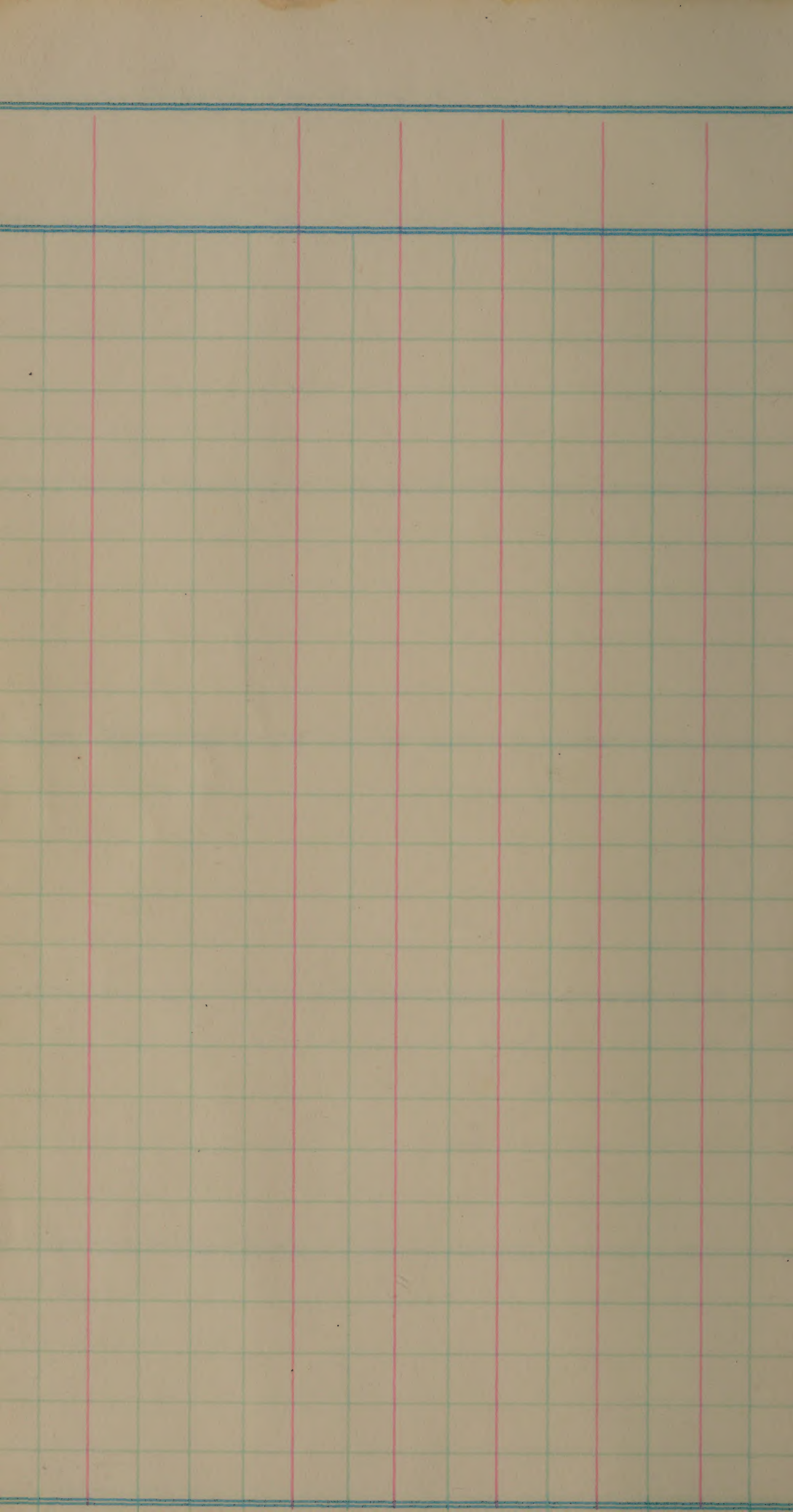
The following suggestions are made in regard to recording data:

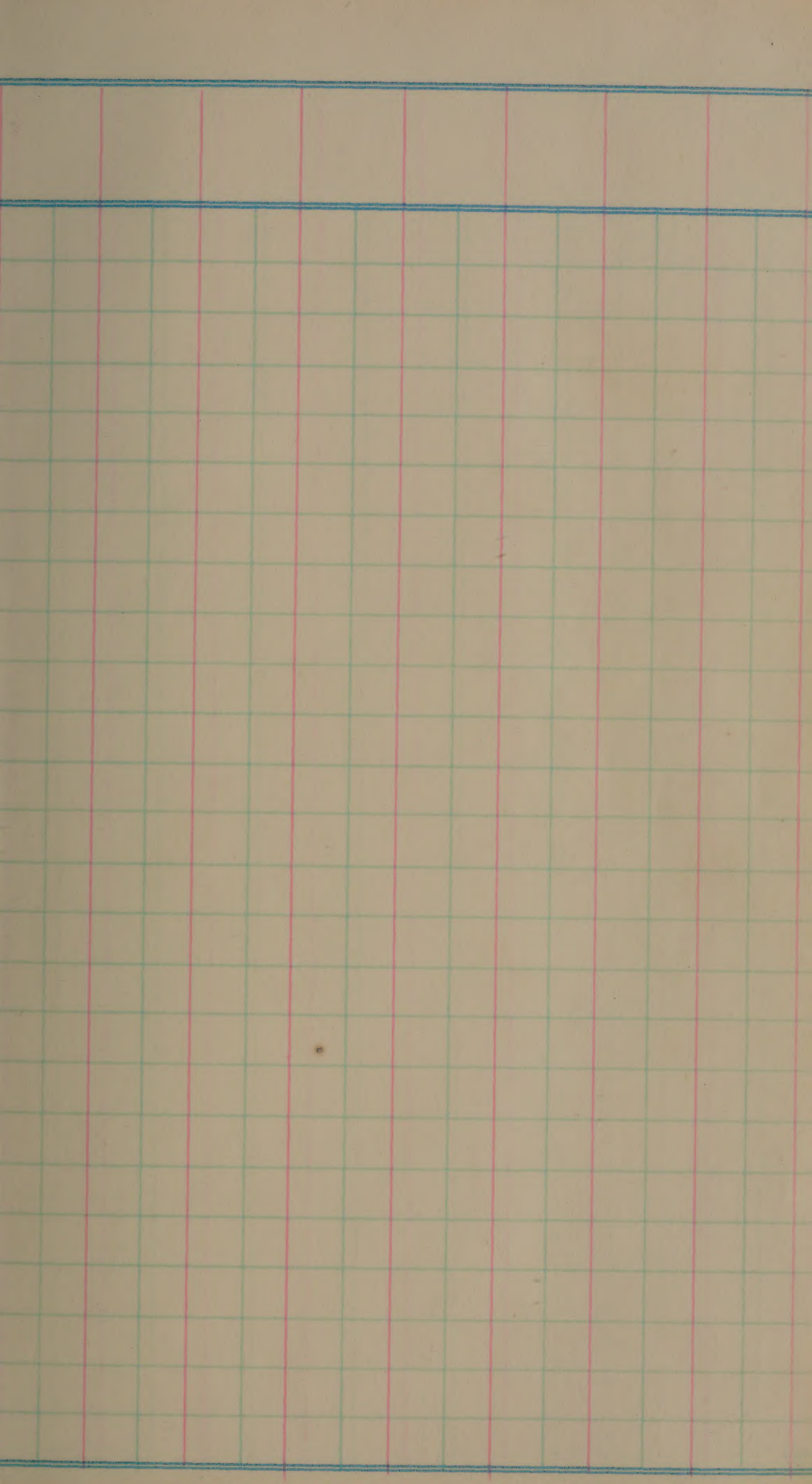
1. Record all dates as figures, giving the month and day of month, as 5/16 (May 16).
2. Record all field weights in pounds and decimal fractions of pounds. The requisite accuracy depends somewhat on the size of sample, but for ordinary size plots 0.1 pound is usually satisfactory. It is suggested that small samples be weighed more accurately (0.01 pound).
3. Estimations, such as seeding vigor, shedding, color, etc., may be recorded either numerically or with letter designations, as is found convenient; for example (seeding vigor), 1=Excellent, 2=Good, 3=Medium, 4=Fair, and 5=Poor; or E=Excellent, G=Good, M=Medium, F=Fair, and P=Poor. An explanation of legends should be recorded for each variable and experiment.
4. Diseases and insect pests.
 - (a) GENERAL.—Attack by diseases or insect pests should be recorded by suitable legends to indicate type of disease or pest, percent of plants killed or affected, and in serious attacks, estimating crop loss. For example, FW *5/35-7. (Footnote* Fusarium wilt 5 percent plants killed, 35 percent affected, 7 percent loss estimated).
 - (b) SPECIAL.—Where the book is used for taking notes on regional field tests on disease resistance, treatments, etc., it is suggested that directions which are furnished for taking uniform data be pasted, or copied, in the front of the book.
5. Diagram, to scale, the block on which each experiment is conducted, showing visible soil differences, variable plant response attributable to soil differences, drainage, or unequal irrigation, slope of land or contours, or any other features which may materially assist in interpreting the results. The square ruled paper in the front of the book may be found useful for this purpose.
6. Explain clearly all legends used.
7. Identify all experiments as to location on blocks and YEAR.

For types of experiments for which this book does not provide ample page space, larger sheets should be utilized. In taking data, which are to be reported in this book, or on larger sheets especially provided, the field or laboratory determination should be written directly at the time of weighing or otherwise determining, and submitted to Washington, or filed as the permanent record. Avoid all possible transcribing or typing of raw data.









Sown April 24th

Rep A consistently shorter than other reps

group 1. Early mat shrubs med grain. Varieties.

Used 12 gms seed per 20 plants

957
anno.

DATE	PLANT	%
HEADING	TIME	
1ST FULL	RIPE	(IN)

1	Colusa	101	7/16	7/30	8/20	50	0
	C.I. 1600	208	No 8/22 A, B, C			51	30
	(1)	312				54	30
		407				52	50
			7/16		8/28 (118)	52	20
2	Cody	102	7/14	7/30	8/20	46	60
	C.I. 8642	214				48	10
	(2)	307	No 8/22 A, B, C, D			49	100
		404				48	0
			7/14		8/20 (112)	48	4
3	Early Prolific	103	7/23	8/1	8/26	53	60
	C.I. 5883	201				56	25
	(3)	308	No 8/22 C			58	100
		411	8/23 D 9/5 A, B			57	100
			7/23		8/26 (124)	56	60
4	Stg. 541, 411	104	7/19	8/1	8/21	49	15
	C.I. 8994 X Caloro	211				50	30
	C.I. 9373 (Stg) 1411	304	No 7/22 B, D defied			50	80
		406	9/5 A, C			51	10
			7/19		8/21 (119)	50	30
5	Magnolia	105	7/19	8/1	8/24	52	15
	C.I. 8318	205				55	60
	(5)	303	No 8/22 B, C, D			53	80
		401	lodging severe			50	0
			No 9/5 A				30
			7/19		8/24 (122)	53	100

9" row spacing, 4 rows sown
2 rows harvested, 16 feet long
rem yield from 4 plots = lbs. per acre.

Iodine

1956

1957

Ad Total

80

53.1 64.3

59.4 65.6

56.3 65.0

60

56.9 67.2

58.4 67.6

57.2 67.4

80

59.2 68.7

58.7 68.8

59.0 68.8

61

51.6 69.6

51.4 69.6

51.5 69.6

70

64.9 72.4

65.4 72.0

65.2 72.2

VG

good but weak straw

VG

long plot,

VG

Tall & weak straw, vigorous

F. thin

Too tall, smooth top grain,
Willow straw of Caloro

5

~~lbs~~ per Acre x
 261.73 = BBls per Acre

gms per plot	acre yield	
	Lbs	BBls.

✓ 1204

✓ 1114

✓ 1055

✓ 1064

4437 4437 27.4

✓ 1142

✓ 918

✓ 875

✓ 804

3739 3739 23.1

✓ 1083

✓ 998

✓ 869

✓ 818

3768 3768 23.3

✓ 959

✓ 1050

✓ 940

✓ 1048

3997 3997 24.7

✓ 1039

✓ 1050

✓ 800

✓ 895

3784 3784 23.4

			D A T E S			PLANT HT. (IN.)	July
			HEADING		FULL		
			1ST FULL		RIPE		
6	Zenith	106	7/24	8/1	8/22	54	60
	C.I. 7787	213				54	90
	(6)	302	W. 8/2	A, B, C		55	90
		414	8/23	D		54	15
			7/24		8/22 (20)	54	64
7	C.I. 9994 X Cody	107	7/15	7/28	8/20	44	15
	C.I. 9210-24	206				48	30
	(Sta. New) (BRD. H.R.)	306	7/15			48	10
		402	W. 8/2	A, B, C, D		46	0
			7/15		8/20 (118)	47	14
8	46C 700,	109	7/25	7/30	8/26	45	0
	Lacrosse X Zenith	209				48	20
	C.I. 9355	310	W. 8/2	B, C		50	30
	(8)	412	8/23	D		49	40
			7/25	9/5 A	8/26 (124)	48	23
9	Nato	109	7/20	7/30	8/20	51	20
	C.I. 8998	207				54	50
	(9)	301	W. 8/2	A, B, C		52	10
		410	8/23	D		53	100
			7/20		8/20 (118)	53	45
10	44C 516, Lacrosse	110	7/15	7/26	8/17	48	20
	X Magnolia	210			8/16	48	20
	C.I. 9001	311	7/15		8/17	48	15
	(10)	409	W. 8/2	A, B, C, D		48	10
			7/15		8/17 (115)	48	14

Ind

38

62.3 69.6

62.2 69.6

62.3 69.6

63

49.7 70.0

48.2 69.6

49.0 69.8

39

58.4 70.5

58.5 70.4

58.5 70.5

67

66.4 70.4

66.0 70.2

66.2 70.3

54

60.7 71.2

60.4 71.0

60.6 71.1

VG

G

Short sturdy stem, V compact head
questionable value

G

Leaves leafy habit, good stem (sturdy)
slow leaf drying, Too leafy, Wide bases

VG

good, but lodged

F

Rather tall, slow leaf drying
very little infection

✓ 1000

✓ 891

✓ 903

✓ 712

3506 3506 21.6

✓ 1022

✓ 1122

✓ 1201

✓ 1046

4391 4391 27.1

✓ 1099

✓ 924

✓ 794

✓ 725

3542 3542 21.9

1158

780

1076

923

3937 3937 24.2

✓ 820

1047

1025

965

3857 3857 23.8

DATES		FULL RIPE	PLANT	
HEADING	1ST FULL		HT.	(IN.)

11	48C 895	111	7/23	8/1	8/15	50	50
	4II-1-8X 252	203				56	60
	C.I. 9356	307	No. 8/22		ABCD	54	100
	9375 (New Cr. 209)	405	7/23		8/15(113)	54	100
12	Stg. 533533,	112	7/17	7/29	8/19	45	15
	CI 8994 X 5426A	202				46	10
	C.I. 9357	313	7/16	No. 8/22	ABCD	46	15
	(Stg.) (690 Comp)	408				46	30
			7/17		8/19(117)	46	15
13	BS4-7871,	113	7/21	7/30	8/20	48	10
	CP Rogue	212				51	10
	C.I. 9376 243(New)	314	No. 8/22		ABCD	51	0
		403				51	20
14			7/21		8/20(118)	50	10
	Stg. 533529,	114	7/18	7/29	8/29	46	0
	CI 8994 X 5426A	204				48	50
	C.I. 9358	305	7/17	No. 8/22	B, C	49	0
	(Stg.) (689 Comp)	413	8/23		A, D	46	0
			7/18		8/29(127)	47	13

f.s.D .01 level = 905, No per acre
 .05 " " = 674, "

C.V. = 11.9%

Average yield = 3942 lbs.

35-

64.5	68.6
<u>64.8</u>	<u>68.8</u>
64.7	68.7

20-

58.4	67.3
<u>58.4</u>	<u>67.1</u>
58.4	67.2

65-

63.4	68.0
<u>63.3</u>	<u>68.0</u>
63.4	68.0

84

46.4	67.8
<u>46.0</u>	<u>67.2</u>
46.2	67.5

70.2	71.5
<u>70.2</u>	<u>71.2</u>
70.3	71.7

Pan.
Blight

G

Weak straw, slow leaf drying
no value as weak straw

G

+

Sturdy straw, good. slow
leaf drying

VG

Rather tall but v good tillering +
stood up OK. Small stems, promising

F

Tr

sturdy straw, slow leaf drying
good

1395

912

949

828

4084 4084 25.2

941

1022

1121

1123

4207 4207 26.0

960

895

1014

926

3795 3795 23.4

1080

919

1070

1080

4149 4149 25.6

Sown April 24

DATES		PLANT HT. (IN.)
HEADING	FULL	
1ST FULL	RIPE	

21 49C999,
4LI-1-PXRex-252
CI 9377 (CN)
(4823)

115 7/22 8/1 8/30 50
216 1/4 9/4 F, B 53
315 9/5 C, D 53
428 52
7/22 8/30 (128) 52

22 Stg. 52/302,
R-7689X(TPR-SBR)
C.I. 9186
(Stg)
(656)
BLK. I

116 7/25 8/2 8/27 49
219 1/4 9/4 F, B 48
325 9/5 C, D 50
420 49
7/25 8/27 (125) 49

23 Century Patna 231
C.I. 8993

117 7/23 8/2 8/28 49
218 1/4 9/4 F, B 51
323 9/5 C, D 52
423 52
7/23 8/28 (126) 51

24 B502A2-113-B3
B67 X CP231

CI-9402
(B55-5665
New)

118 7/31 8/15 9/4 51
223 1/4 9/4 F, B 55
319 9/5 C, D 55
424 54
7/31 9/4 (132) 54

25 RexArk
C.I. 8644

119 7/27 8/8 9/4 51
227 5% lodged 8/13 53
326 10% " 8/13 56
422 1/4 9/4 F, B 54
7/27 9/5 C, D 9/4 (132) 54

28

17.6 68.1

35.2 69.8

26.4 69.0

37

36.1 61.6

42.4 62.2

39.3 61.9

84

53.1 64.3

59.4 65.6

56.3 65.0

24

56.9 67.2

58.4 67.6

57.7 67.4

60

60.0 69.2

61.5 69.5

60.8 69.4

G

Tall, much straw

P

Small stems, good plot

G

Lodged in 2nd series but possibly due to early
rainfall adj. to CP231. only 2 rows lodged.

VG wider leaves & taller seg. than
CP231 on 7/5

3rd series lodged acct 28, all lodged?
so too tall but otherwise v. good

G

Very plot but show too much

545
545

1084
947
889
863
3783 3783 23.4

a mixture in A

1132
1440
1412
1324
5308 5308 32.8

1077
1210
1352
1171
4810 4810 29.7

1031
900
980
1191
4102 4102 25.3

($\frac{1}{2}$ pl = 545)

1046
1090
775
787
3698 3698 22.8

26

48C 916,

120

8/1

8/17

9/2

54

15

4II-1-8XTP 49

217

K_u 9/4 A, B

60

100

C.I. 9360

327

9/5 C, D

62

100

418

62

60

8/1

9/2 (130)

60

69

48C 926,

121

7/26

8/7

8/28

50

0

27

Century x Rexoro

215

K_u 9/4 A, B

52

0

C.I.

(Cr. 4P39)

328

9/5 C, D

54

90

9379

421

52

0

7/26

9/28 (126)

52

23

SP16-2,

122

7/27

8/8

8/28

53

10

28

TPXR-SBR

220

52

10

C.I.

(Stg. 10-13)

9380

318

10% Lodging 8/13

54

100

427

25% lodged 8/13

54

100

7/27 9/5 C, D 8/28 (126)

53

55

Stg. 511887

123

7/11

7/20

8/14

48

0

29

H:11 Sc1xBbt

226

49

0

C.I. 9362

317

48

0

425

50

0

7/11

8/14 (112)

49

0

BS17A2-65-2,

124

7/9

7/17

8/12

44

0

30

CP231X B4510A

221

45

0

C.I.

(New 199)

9381

316

43

0

426

45

0

7/9

8/12 (110)

44

0

24

57.6 69.8

59.0 69.6

58.3 69.7

16

49.4 67.2

52.8 66.7

51.1 67.0

88

59.2 65.8

61.8 66.8

60.5 66.3

27

53.6 70.0

56.8 70.5

55.2 70.3

48

50.5 67.8

53.6 68.0

52.1 67.9

G

1 tall, weak straw

G

1 good c P type, productive, quite tall

F thin

Too tall

G

BBT neg. on 7/5 wider leaves
than c 231

G

1 good, short sturdy straw

✓
1087
837
868
1097
3889 3889 24.0

1051
1037
905
1016
4009 4009 24.7

887
990
769
749
3395 3395 21.0

1010
894
1141
1154
4199 4199 25.9

1112
1048
1097
929
4186 4186 25.8

Sown April 24

DATES			PLANT HT. (IN.)
HEADING	FULL		
1ST	FULL	RIPE	

C52-6040,

125

7/5

7/12

8/2

47

31

(Rexonox Red) x Vark.

124

46

(Cr. 216)

320

48

C.I.

9382

416

47

7/5

8/2(100)

47

B522 3A5-4-2,

126

7/10

7/18

8/8

48

32

CI 9/22 x Bbt50

222

47

(New Bmt 245)

321

47

C.I.

9383

415

46

7/10

8/8(106)

47

B505A1-66-1-2,

127

7/26

8/8

8/28

49

33

CP 231 x HD 12

225

1/6

9/4

A, B

52

(New Bmt 229)

322

7/5

C, D

51

C.I.

9384

419

49

gdl/w. 7/27

7/26

8/28(126)

51

Stg. 521 305,

128

7/24

8/6

8/26

46

34

R-7689x(TP x R-SBR)

228

1/6

9/4

A, B

47

C.I. 9187

324

7/5

C, D

50

(Stg. 656)

417

49

7/24

8/26(124)

48

LS

D

101

887 lbs

115

661 lbs

CV =

10.890

average yield = 4258 lbs

57

53.5 70.4

56.8 71.0

55.2 70.7

28

47.9 68.0

51.2 68.0

49.6 68.0

25

48.9 69.5

51.0 69.2

50.0 69.4

46

36.4 62.2

42.2 62.6

39.3 62.4

DATES		PLANT HT. (IN.)
HEADING	FULL	
1ST FULL	RIPE	

F

G BBT neg appearance, 7/5

good plot but ripened more rapidly than #30

VG longer leaves & narrower than 32 on 7/5

V good plot, slow leaf drying 2/ quality OK, would be a good subset.
F (in CP 23)

V. good field appearance, short sturdy stem

890

890

926

1004

3710 3710 22.9

1223

1042

1237

1200

4702 4702 29.0

1329

1000

1070

1203

4602 4602 28.4

1360

1285

1340

1233

5218 5218 32.2

Sown April 24

			DATES			PLANT HT. (IN.)
			HEADING		FULL	
			1ST	FULL	RIPE	
41	Stg. 535496,	129	8/8	8/19	9/6	53
	Bbt. Sel.	233			9/8	
	(Stg. 253 New)	333			9/8	
		437			9/8	
			8/8		9/8 (137)	53
42	Sunbonnet	130	8/6	8/18	9/7	54
	C.I. 8989	230			9/10	
	(42)	331			9/8	
		432			9/8	
			8/6		9/8 (137)	54
43	B5233A1-56-4,	131	8/4	8/16	9/2	46
	C.I. 9278 X TP	231			9/3	
	(Bmt 265)	340			9/3	
		446			9/3	
			8/4		9/3 (132)	46
44	Bluebonnet 50	132	8/8	8/19	9/6	55
	C.I. 8990	237			9/10	
	(44)	334			9/10	
		435			9/9	
			8/8		9/9 (138)	55
45	Imp. Bluebonnet	133	8/13	8/20	9/14	58
	C.I. 8992	234			9/17	
	(45)	339			9/16	
		436			9/16	
			8/13		9/16 (145)	58

Today 90 date				
0	25			
50/9/16				
75/9/16		43.8	64.8	
0		<u>45.8</u>	<u>64.9</u>	
81		44.8	64.9	
0	26			
15/9/16				
0		57.4	68.8	
0		<u>60.0</u>	<u>69.6</u>	
1		58.7	69.2	
0	24			
0				
15/9/16		58.4	68.8	
0		<u>61.0</u>	<u>68.4</u>	
1		59.7	68.6	
0	27			
0/9/16				
5/9/16		50.4	67.3	
0		<u>53.6</u>	<u>68.0</u>	
1		52.0	67.7	
0	25			
0/9/16				
0/9/16		51.7	64.8	
0		<u>53.4</u>	<u>64.8</u>	
1		52.6	64.8	

F

a v good BB150 for ht. & appearance
at least as tall as BB150 in 2nd, not as tall in 3rd

G

good but tall

VG

lighter green & not as tall as
BB150 on 2/5

v short lit, pan. shorter than desirable
good in second et al

G

2nd lit, use new seed

G

2nd lit, consid segv. need new
seed

991

848

469 = $\frac{1}{2}$ pl 920

1003

3762 3762 23.2

1076

998

905

1145

4124 4124 25.5

1272

1241

1213

1290

5016 5016 31.0

1100

965

728

905

3698 3698 22.8

1063

979

1048

968

4058 4058 25.1

46

Fortuna

134

8/10

8/20

9/9

62

C.I. 1344

238

9/11

(46)

338

9/11

429

9/12

8/10

9/11 (140)

62

47

Toro

135

8/7

8/19

9/7

54

C.I. 9013

240

9/8

(47)

337

9/8

441

9/8

8/7

9/8 (137)

54

48

B46-4797-5-4,

136

8/17

9/14

53

Rogue

236

9/14

C.I. 9214

329

9/15

C.I.
9214

(48)

438

9/16

8/17

9/15 (144)

53

49

B50242-60-12,

137

8/5

8/16

9/3

45

B67X CP231

232

9/5

C.I.
9389

(Bmt 297)

Gd.

330

9/5

Gd.

430

9/4

8/5

9/4 (133)

45

50

Stg. 536226,

138

8/8

8/19

9/12

54

Imp B674H:11 Lg. gr.

229

9/14

C.I. 9365

335

9/14

(Stg. 664)

431

9/12

8/8

9/13 (142)

54

Lodge				
No date				
0	31			
95/9/16				
0		53.6	69.4	
30/9/16		<u>54.4</u>	<u>69.2</u>	
		54.0	69.3	
0	61			
50/9/16				
90/9/16		61.6	68.0	
85/9/16		<u>63.0</u>	<u>68.2</u>	
		62.3	68.1	
0	17			
75/9/14				
0		53.6	65.5	
0		<u>53.6</u>	<u>64.7</u>	
		53.6	65.6	
0	31			
12/9/16				
0		50.4	67.2	
0		<u>54.3</u>	<u>67.8</u>	
		52.4	67.5	
0	31			
12/9/16				
12/9/16		51.3	66.1	
0		<u>54.4</u>	<u>65.8</u>	
		52.9	66.0	

G /

v. tall

G /

many semi sterile pan

P /

v. good for lot & sturdy straws, some
sterile heads, not as tall as BBt 50 in 2nd Series
much shorter reg growth than
BBt 50, et al on 2/5

G /

short, sturdy straw pan, rather short

P /

pan stand in air

good BBt 50 type

1039

1098

974

1280

4391 4391 27.1

839

1022

790

1045

3696 3696 22.8

1030

1104

1126

1176

4436 4436 27.4

1047

1048

1090

1075

4260 4260 26.3

1128

1472

1214

1082

4896 4896 30.2

			DATES		FULL RIPE	PLANT HT. (in.)	
			HEADING				
			1ST FULL				
	Stg. 534889	137	8/11	8/24	9/15	54	
51	I. Bbtx H. 11 Lg. gr.	201			9/15		
C.I. 9390	(Stg. 662)	336			9/14		
		439			9/15		
	grassy dwarf mutant in Dene		8/11		9/15 (144)	54	20
	49C 965,	140	8/8	8/19	9/8	51	100
52	(TPdtx Uuk) x Iola	235			9/9		100
C.I. 9391	(Cr. 4847)	332			9/9		100
		433			9/10		100
			8/8		9/9 (138)	51	100
	B502A2-96-1-1	141	7/28	8/11	8/31	51	
53	Bbtx x CP 231	239			9/1		
C.I. 9392	CE (9/12)	341			9/1		10
		442			9/1		
			7/28		9/1 (130)	51	3
	46C 742,	142	8/5	8/17	9/4	54	
54	7/8 R. x 3-12 x Bbtx.	242			9/5		
C.I. 9366		342			9/8		10
	(54)	434			9/7		
			8/5		9/6 (135)	54	3

LS D .01 = 934 lbs

.05 = 696 "

C.V. = 11.3%

Average yield = 4280 lbs.

Today 9:00 / date				
0	20			
20/9/16				
50/9/16		55.1	65.8	
0		<u>57.4</u>	<u>66.0</u>	
		56.3	65.9	
0	23			
		52.8	67.1	
		<u>55.1</u>	<u>67.2</u>	
		54.0	67.2	
0	36			
40/9/16				
10/9/16		54.6	66.0	
		<u>58.4</u>	<u>66.5</u>	
		56.5	66.3	
0	23			
40/9/16				
75/9/16		61.0	69.8	
25/9/16		<u>63.8</u>	<u>70.4</u>	
		62.4	70.1	

P / v poor stand in all plots

G / light green color of T.P.
Extremely rank segs on 7/5 but
not too tall, little drop

v, weak stem, all lodged 8/28

G / shorter reg growth than BBT 50
et al on 7/5

shorter but than BBT 50, v good, shorter
than #24 & earlier,

VG / leaves long & erect on 7/5

v good BBT 50 type, p - robustness, good stem

1184

1016

1078

1112

4390 4390 27.1

1194

577

751

888

3410 3410 21.0

1290

1307

1097

1339

5033 5033 31.1

1157

1374

1190

1033

4754 4754 29.3

Sown April 24

			D A T E S			PLANT HT. (IN.)	
			HEADING		FULL		
			1ST	FULL	RIPE		
61	Caloro	143	8/5	8/17	9/10	51	
	C.I. 1561-1	251			9/10	53	
	(61)	346			9/10	53	
		454			9/10	53	
			8/5		9/10 (139)	53	38
62	Calrose	144	7/27	8/11	9/8	49	
	C.I. 8988	243			9/8	54	
	(423)	344			9/8	53	
		443			9/8	54	
			7/27		9/8 (137)	53	70
63	P.I. 160,799	145	8/11	8/25	9/15	48	
	(China)	249			9/14	51	
		(124)				54	
		451				48	
			8/11		9/15 (144)	50	38
64	Arkrose	146	8/10	8/23	9/12	58	
	C.I. 8310	254			9/12	59	
	(64)	350			9/11	61	
		448			9/11	60	
			8/10		9/12 (141)	60	84
65	Stg. 532526,	147	7/29	8/12	9/8	48	
	RexArk x Asahi	247			9/8	52	
	C.I. 9367	355			9/7	47	
	(65)	452			9/7	47	
			7/29		9/8 (137)	49	3

48

54

38

49

63

G⁻

G⁻

G⁻

lighter green color than color &
excellent tillering on 7/5, shorter
veg gr on 7/17

VG⁻

Extremely tall

G⁻

badly discolored

ln

1261

1142

1024

65.4 73.8

65.6 73.6

65.5 73.7

1260

4687 4687 28.9

1326

1280

63.3 68.5 70.2

61.6 66.9

62.5 67.5

1402

1199

5207 5207 32.1

848

936

66.0 70.0

60.2 70.5

66.1 70.3

1250

978

4012 4012 24.8

1442

1153

65.6 68.8

65.2 68.1

65.4 68.5

1150

1360

5105 5105 31.5

1218

967

62.2 65.6

61.8 65.0

62.0 65.3

1279

1131

4595 4595 28.4

DATES			PLANT HT. (IN.)
HEADING	FULL		
1ST FULL	RIPE		

66	Hyb Mix 11-49-195	148	9/1	9/15	10/8	51	
	E. Sh. Gr. Bulk.	245				55	
	C.I. 9368	348				52	
	(66)	450				54	
			9/1		10/8 (167)	53	8
67	Stg. 557564	149	8/10	8/23	9/17	47	
	CI 899KX (Aloro	246			9/16	51	
	(Stg 698)	356				48	
	C.I. 9394	449				47	
			8/10		9/17 (146)	48	0
68	Stg. 532510.	150	7/29	8/13	9/9	47	
	Rexark x Asahi	252			9/9	52	
	(Stg. 10-21)	347			9/9	48	
	C.I. 9395	455			9/9	53	30
			7/29		9/9 (139)	50	35
69	Imp. Blue Rose	151	8/18		9/20	60	
	C.I. 2128	253				61	
	(69)	351				61	
		453				63	
			8/18		9/20 (149)	61	3
70	Stg. 534511,	152	7/28	8/13	9/2	45	
	Rexark x Cent.	248			9/2	54	
	(Stg. 10-10)	353			9/2	51	
	C.I. 9396	445			9/2	52	
			7/28		9/2 (131)	51	0

leg tips bulley
burned on 6/18

22

41.0 69.5

42.4 69.6

41.7 69.6

61

61.4 69.6

60.9 69.0

61.2 69.3

66

62.4 67.6

61.7 67.2

62.1 67.4

35

66.6 71.3

65.4 70.4

66.0 70.9

32

60.8 68.0

56.8 65.8

58.8 66.9

Head
Bright

VG

v boy, telling g.

P (v thin)

+

Short sturdy bit, compact pan, much
grain discoloration

F (thin)

badly discolored, leaning

VG

F

light green color,

a good med-gr c p type

1378
(Av'ly 5917) 1182
843 843

1222
4625 4625 28.6

1120

1137

1273

848

4378 4378 27.0

1002

1171

1257

1207

4637 4637 28.6

1271

1189

920

1163

4543 4543 28.0

1006

919

806

1070

3801 3801 23.5

DATES		PLANT HT. (IN.)
HEADING	FULL	
1ST FULL	RIPE	

54C4121	153	8/17	9/20	62
71 Imp. Blue Rose Sel.	250			62
C.I. 9178	354			61
(71)	444			61

		8/17	9/20(149)	62	
Asahi	154	8/8	8/22	9/12	43
72 C.I. 8312	255			9/12	45
(72)	349			9/12	46
	446			9/12	47
		8/8		9/12(141)	45

B44-508,	155	8/18	9/20	53
73 Calorox Roxoro	244			64
C.I. 9116	345			59
(73)	456			56

		8/18	9/20 (149)	58	
Stg. 512252,	156	7/29	8/12	9/5	45
74 Arknose Sel.	256			9/4	50
C.I. 9198	352			9/3	48
(74)	447			9/2	50
		8/29		9/4 (133)	48

LSD .01 = 1197 lbs.
 .05 = 892 lbs.

C.V. = 14.4%

Average yield 43 1/2 lbs.

Total 8/20

30

68.8 71.2

67.6 70.4

68.2 70.8

33

64.0 70.4

62.4 68.8

63.2 69.6

48

64.1 68.9

64.2 69.0

64.2 69.0

54

60.8 64.9

59.2 64.0

60.0 64.5

Pan
Blight

16

extremely tall, Bay plot

G

much sturdiness, ^{light} straw, poor yield, mixed seed

G

Very tall but low yield, like BK

VG

+

badly discolored hulls, too early cut
lodging

1504

913

1195

1117

4729 4729 29.2

815

938

1084

1045

3882 3882 24.0

867

854

761

560

3042 3042 18.8

771

710

989

650

3120 3120 19.3

Estimated yield

Sown April 24

Group 5, Late maturing varieties.

			DATES			PLANT HT. (IN.)	
			HEADING 1ST FULL	FULL	RIPE		
81	C 4060,	157	9/4	9/15	10/5	51	
	15/6 Rexono	259				56	
	C.I. 9095	358				54	
		468				56	
			9/4		10/5 (164)	54	0
82	TP 49	158	9/1	9/18	10/9	55	
	C.I. 8991	263				61	
		360				59	
		459				62	
			9/1		10/9 (168)	59	0
83	Rexono	159	9/7		10/12	52	
	C.I. 1779	266				59	
		368				60	
		465				58	
			9/7		10/12 (171)	57	0
84	5-5 C 419,	160	9/6	9/19	10/12	50	
	15/6 Rexono	261				56	
	C.I. 9370	366				55	
		462				53	
			9/6		10/12 (171)	54	0
85	45 C 551,	161	8/17		9/19	46	
	R/PLT x 7/8 Rex	257			9/16	49	
	(Cn. 271)	364			9/18	51	
		469			9/18	52	
			8/17		9/17 (146)	50	0

C.I.
9399

good Rex type

was many days
1957

bad for smut
flaps drop

Short bit, erect flaps

12

49.8	67.2
<u>48.1</u>	<u>65.6</u>
49.0	66.4

16

54.6	68.0
<u>53.5</u>	<u>67.3</u>
54.1	67.7

12

52.9	67.0
<u>52.0</u>	<u>66.4</u>
52.5	66.7

12

52.9	67.0
<u>52.2</u>	<u>65.8</u>
52.6	66.4

23

60.0	68.5
<u>60.2</u>	<u>68.0</u>
60.1	68.3

G/

much shorter hit than TP49

G/

G/

G/

G/

1213

793

745

760

3511

3511 21.7

1033

870

1055

887

3845

3845 23.7

886

713

548

659

2806

2806 17.3

727

693

652

798

2870

2870 17.7

950

993

932

917

3792

3792 23.4

			DATES			PLANT HT. (IN.)
			HEADING		FULL	
			1ST	FULL	RIPE	
86	B4527A1-11,	162	9/4	9/17	10/5	52
	TP49x Rexoro	269				53
	C.I. 9120	362				55
		460				56
			9/4		10/5 (164)	54.0
87	C3.72-3,	163	9/6	9/17	10/7	51
	Rex x P-Lf.	264				57
	C.I. 9217	369				57
		457				54
			9/6		10/7 (166)	55.0
88	Texas Patna	164	9/2		10/3	57
	C.I. 8321	265				59
		370				58
		458				59
			9/2		10/3 (162)	58.0
89	B4527A1-20,	165	9/5		10/4	49
	TP49x Rex	258				54
	C.I. 9133	361				55
		470				55
			9/5		10/4 (163)	56.0
90	RexonoxDelitus	166	8/31		10/1	52
	C.I. 8643	260				61
		365				59
		461				58
			8/31		10/1 (160)	58.0

19

55.1	67.2
<u>53.6</u>	<u>67.0</u>
54.4	67.1

23

58.5	67.1
<u>57.6</u>	<u>66.0</u>
58.1	66.6

16

59.4	69.6
<u>57.7</u>	<u>68.8</u>
58.6	69.2

18

47.2	69.4
<u>50.2</u>	<u>69.0</u>
48.7	69.2

20

50.6	65.6
<u>50.5</u>	<u>65.5</u>
50.6	65.6

~~G~~ / ~~high habit not as erect as Rest TP~~

~~G~~ /

~~G~~ /

~~G~~ /

~~G~~ /

977

927

1044

924

3872 3872 23.9

934

768

796

858

3356 3356 20.7

916

817

822

673

3228 3228 19.9

1096

1173

1082

1005

4356 4356 26.9

872

883

913

860

3528 3528 21.8

			DATES			PLANT HT. (IN.)
			HEADING	FULL		
			1ST	FULL	RIPE	
91	B52-3552,	167	9/3	9/14	10/3	51
	Texas Patna Sel.	270				53
	C.I. 9215	363				54
		463				54
			9/3		10/3 (162)	53
92	45C554,	168	8/18		9/17	59
	R-P-15 x G.	268			9/17	56
	C.I.	359			9/18	58
	9031	466			9/18	58
			8/18		9/18 (147)	58
93	53C4120,	169	9/4	9/15	10/3	54
	C3-12xTP49	467	shad let bud program			56
	C.I. 9179	357	as compound with 89			54
		464				56
			9/4		10/3 (162)	55
94	55C415,	170	9/4	9/15	10/4	54
	Ntp. Rogue	262	Too tall			57
	C.I. 9371	367				59
		267				59
			9/4		10/4 (163)	57

L.S.D. .01 - 770 lbs.

.05 - 573 lbs.

C.V. - 11.8%

Average yield 3395 lbs.

18

39.6 62.3

39.0 61.6

39.3 62.0

21

58.5 68.7

56.9 68.0

58.2 68.4

19

43.2 64.4

41.7 63.6

42.5 64.0

12

55.1 67.3

53.5 66.5

54.3 66.9

G

VG

G

G

$$\begin{array}{r}
 476 \\
 786 \\
 667 \\
 632 \\
 \hline
 2561
 \end{array}
 \quad
 \begin{array}{r}
 2561 \\
 15.8
 \end{array}$$

$$\begin{array}{r}
 1016 \\
 945 \\
 872 \\
 692 \\
 \hline
 3525
 \end{array}
 \quad
 \begin{array}{r}
 3525 \\
 21.8
 \end{array}$$

$$\begin{array}{r}
 776 \\
 731 \\
 919 \\
 741 \\
 \hline
 3167
 \end{array}
 \quad
 \begin{array}{r}
 3167 \\
 19.5
 \end{array}$$

$$\begin{array}{r}
 872 \\
 755 \\
 673 \\
 808 \\
 \hline
 3108
 \end{array}
 \quad
 \begin{array}{r}
 3108 \\
 19.2
 \end{array}$$

Block no. *Sown: April 26*

Group #1
same as Gen. 640!

DATES		PLANT HT. (IN)
HEADING	FULL	
1ST FULL	RIPE	

401	Nato	101	7/20	7/29	8/10	51
	C.I. 2998	204	7/21	7/29	8/10	51
	(401)	340	7/20	7/29	8/10	49
	441	7/21	7/29	8/10	50	
			7/21		8/20 (116)	50

402	Early Prolific	102	7/22	7/31	8/24	55
	C.I. 5883	207	7/24	8/1	8/24	54
	(402)	337	7/25	8/1	8/24	53
	439	7/25	8/1	8/24	54	
			7/24		8/24 (120)	54

403	B4512A1-20	103	7/27	8/8	9/3	46
		201	7/28	8/9	9/3	48
	(662)	336	7/30	8/9	9/3	45
	440	7/28	8/9	9/3	45	
			7/28		9/3 (130)	46

404	Colusa	104	7/16	7/26	8/18	45
	C.I. 1600	205	7/14	7/27	8/18	47
	(404)	342	7/16	7/29	8/18	45
	442	7/15	7/27	8/18	46	
			7/15		8/18 (114)	46

405	Zenith	105	7/24	8/2	8/20	55
	C.I. 7787	202	7/24	8/1	8/20	55
	(405)	339	7/24	7/31	8/20	53
	436	7/24	8/2	8/20	53	
			7/24		8/20 (116)	54

b. yield from 4 repl $\times 100 =$ lbs per acre

in LODGING
Pan
slight

Lodging

23

35% 8/13

sl.

70

sl

68

69

10% 8/13

10%

87

10%

sl

88

88

15% 8/13

sl.

Very

43

LN-5%
8/13

intermed

44

44

LN-10%
8/13

LN-80% 8/13

Ln 40-

+

36

50%

+

35

36

50% 8/13

70% 8/13

Tn

T

45

Tn

T

45

45

$\frac{G}{\frac{1}{2}}$

good straw type,

$\frac{G}{VG}$ Excellent growth $\frac{1}{2}$

Tall but productive,

$\frac{G}{\frac{1}{2}}$

short heads,

Too late for this group, bad for sun, blight
rather weedy straw

$\frac{G}{\frac{1}{2}}$

weak straw, Hay plot

$\frac{VG}{\frac{1}{2}}$

sl taller than Noto, Hay more lodging

$\frac{\text{Lbs per acre} \times .06173}{\text{= Bbls. per acre.}}$

Seed	Water	Lbs per plot	Lbs per acre	Bbls per acre
		10.32		
66.8	69.8	9.66		80.4
<u>66.4</u>	<u>69.6</u>	9.32		
66.6	69.7	<u>9.72</u>		
		39.02	3902	24.1
		9.36		
		9.71		80.4
62.6	68.8	8.98		
<u>62.4</u>	<u>68.8</u>	9.86		
62.5	68.8	37.91	3791	23.4
		10.40		
		10.56		80.4
65.6	70.2	9.16		
<u>65.5</u>	<u>69.6</u>	10.23		
65.6	69.8	40.35	4035	24.9
		9.62		
		8.68		80.4
Probable moisture in C		9.20		
59.8	68.8	10.44		
<u>57.8</u>	<u>68.0</u>	37.94	3794	23.4
58.8	68.4			
		8.47		
		6.78		80.4
64.6	68.2	8.20		
<u>64.0</u>	<u>68.0</u>	9.89		
64.3	68.1	33.34	3334	20.6

Longman

		DATES			PLANT HT. (IN.)	Lodging
		HEADING	FULL			
		1ST	FULL	RIPE		
B53-8803,	106	7/22	7/30	8/19	52	
406 Sm. Zenith	206	7/22	7/29	8/19	51	
(367) 341		7/22	7/28	8/19	48	
	437	7/22	7/29	8/19	49	
		7/22		8/19 (115)	50	11
Stg. 533529	107	7/18	7/28	8/22	47	
407 C.F. 8994X5426A	203	7/19	7/29	8/22	48	
C.L. 9358 (14)	338	7/20	7/29	8/22	45	
	438	7/19	7/29	8/22	46	
		7/19		8/22 (118)	47	5

PSO . 01 55916

. 05 40811

C.V. = 7.8%

Ave yield 3578

LOD 6.10⁴ Pan
height

2nd mi

3
3 10% 8/13

+

72

+

72

73

3
3 20% 8/13

Hry

Hry

88

Hry

86

87

VG light gr

35% lodged 8/13

not too tall, good straw, too leafy

& dark gr

Extremely heavy panicle blight in 3+4.
& more than any other variety

8.19

9.22

8.79

8.84

35.04

3504

21.6

7.82

6.82

5.36

6.83

26.83

2683

16.6

60.9 65.5

60.7 65.4

60.8 65.5

41.8 57.8

40.8 57.6

41.3 57.7

Group #2
- Very early mat. var.

DATES		PLANT HT. (IN.)
HEADING 1ST FULL	FULL RIPE	

408 PI 162, 3/4 108 7/16 7/28 8/18 44
(Korea) 356 7/16 Sep 7/28 8/18 43
(606)

409 4625A1-14-3 211 7/16 8/12 8/13 9/4 44 38
455 8/2 8/13 52
(680) 51

410 B517A2-39-1, 109 8/2 9/4(121) 52 80
CP231XB4510A 210 7/9 7/17 8/9 42
185 350 7/8 7/17 8/10 43
454 7/9 7/16 8/9 40
7/8 7/17 8/8 41
7/8 8/9 (105) 42 0

See 494 no later date add.

411 B517A2-45-3, 110 7/12 7/19 8/11 47
CP231XB4510A1-77 212 7/11 7/18 8/12 46
355 7/12 7/20 8/12 45
451 7/10 7/18 8/12 46
7/11 8/12 (108) 46 0

In var. Fert Test

708/3 - 110 + 355
708/4 - 212 + 451

412 B517A2-5-2, 111 7/7 7/15 8/8 41
CP231XB4510A1-77 209 7/7 7/16 8/8 42
354 7/5 7/16 8/8 41
456 7/6 7/16 8/8 41
7/6 8/8 (104) 41 0

704/5 - 111 + 354
701/6 - 209 + 456

Ker

Bird
Damage

Jodua

10 8/9
5 2/20
war

42

43

43

8/19
80% LN

not kn

8/9

8/9

8/9

8/9

28

28

28

8/19

8/19

8/20

8/20

4

1-2

8/9

8/9

8/9

8/9

32

36

34

G. shortdark ✓ dark green on 7/5, excellent tillering
✓ vigor. 30% leaning 8/13

G (Rather short reg. gr. on 7/5, ✓ good
tillering).

VG ✓ Tall & more vigor than other
seeds on 7/5. True noted V. early,
many sterile florets

G ✓ First head 7/5 in B series

10.81

62.0 71.1
61.6 70.8
61.8 71.0

10.24

21.05 4210 26.0

No Milling

10.31

11.33

36.0 64.1

8.07

35.2 64.1

8.29

35.8 64.1

38.00 3800 23.5

9.56

7.98

41.4 67.0

7.17

41.0 66.5

7.75

41.2 66.8

32.46 3246 20.0

10.42

10.35

43.3 64.9

8.72

43.3 64.4

8.58

43.3 64.7

38.07 3807 23.5

Handwritten signature

DATES			PLANT HT. (IN.)
HEADING 1ST	FULL	FULL RIPE	

B5119A1-47-3,

112 7/7

7/17

8/8

40

413

CP23X B4512A1-32

352

7/8

7/18

8/8

41

CI9383 (738 1/2)

See head row block on 43E

In Var-Fert Test

7/8

8/8 (104)

41 C

B4512A1-32

213

7/11

7/20

8/12

53

414

H:11 Sel x Bbt

452

7/10

7/19

8/12

51

C.I. 9/22 (32)

7/11

8/12 (108)

52 C

B4513A1-25-1-2-2,

113

7/15

7/26

8/17

46

415

H:11 Sel x Bbt.

214

7/15

7/27

8/17

48

(408)

351

7/13

7/26

8/17

46

453

7/13

7/26

8/17

46

7/14

8/17 (113)

47 C

405A1-1-3-1-1-6

114

7/18

7/28

8/18

51

416

208

7/25

8/18

51

(666)

353

7/20

7/29

8/18

49

450

7/24

8/18

51

7/19

8/18 (114)

51 C

101 - 723 lb

105 - 515 lb.

C.V. 69.6%

Ave. yld 3495 lb.

✓ODGING

Beds

rodme

the 8/9 New gal
8/13
8/9

33
30
32

8/19
8/9

36
37
37

8/19
8/19
8/20
8/20

2

34
32
33

8/19
75/0 8/13 (8/9 km.)

8/20
8/20

1

97
96
97

G / y dark green, erect neg gr
y softer than others $\frac{6}{16}$
Short bit, sturdy. Watch

V. good tall

G. short
Short neg gr. + lighter
green than others, extremely
erect growth on $\frac{3}{5}$

VG / This plot + east $\frac{1}{2}$ of 408/A
VG appear to have been completely lost
darker green than others

11.98

~~Various~~

10.05

40.8 64.6
40.1 64.8
40.5 64.7

22.03 4406 27.2

9.17

54.9 71.4
52.9 71.3
53.9 71.4

7.14
16.31 3262 20.1

9.75

10.67

57.6 68.8
56.8 68.8
57.2 68.8

6.64
6.68
33.74 3374 20.8

8.84

7.53

7.31

52.9 64.0
51.6 63.8
52.3 63.9

7.82
31.50 3150 19.4

Dep. Mr. B. - taller plants
 R.C.P. No. C = shorter plants.
 not belonging in this group.
 group #3
 Same as group 2
 24V.

		DATES		PLANT
		HEADING	FULL	HT.
		1ST FULL	RIPE	(IN.)
Century Patna 231	115	7/25	8/6	48
417 C.I. 8993	220	7/24	8/5	48
(409)	332	7/25	8/6	45
	434	7/25	8/5	48
		7/25	8/29(125)	47
B502A2-113-B3				
B55-5665	116	8/1	8/16	48
418 BBt x CP231	219	8/3	8/14	50
CI9402V	(Anon.) 329	8/4	8/16	46
	B55-5665 430	8/2	8/16	48
all guard out 9/9		8/3	9/3(130)	48
B502A2-96-1-1,	117	7/29	8/12	47
419 BBt x CP231	218	7/29	8/11	48
CI9392	(9/12) 335	7/30	8/12	45
	431	7/29	8/12	46
		7/29	8/31(127)	47
B517A4-80-2,	118	7/29	8/9	43
420 CP231XB4510A	221	7/28	8/8	46
	(172) 331	7/28	8/9	42
	435	7/28	8/8	44
		7/28	8/30(126)	44
B5117A1-14-2,	119	7/29	8/9	44
421 CP231X CI9122	215	7/28	8/9	46
	(207) 334	7/29	8/9	42
	433	7/28	8/9	44
		7/28	8/30(126)	44

2odm

89

90

90

26

25

26

38

40

39

28

25

27

23

25

24

G

appears to have smaller stems & more
heads than others, some pan blight

VG

V. good, V. growth $\frac{6}{8}$ better than CP.
sl. taller than CP 231 on $\frac{7}{5}$

later than 419

No C & D ground + centurion
on 9/9, sl. over ripe, A & B cut green
Excellent plot, taller than CP

G- Rather short V. growth $\frac{6}{8}$

sl. taller than 428, V. good

G

Excellent V. growth $\frac{6}{8}$

sl. taller than 419

V. sturdy straw, some pan blight, V. good

G

Short Veg gr on $\frac{7}{5}$. much shorter
than any other sel in group

An excellent CP type,

9.87

9.89

58.4 64.9

58.4 64.8

58.4 64.9

8.71

8.16

36.63 3663 22.6

10.00

10.34

52.2 64.6

53.0 64.2

52.6 64.4

10.06

10.27

40.67 4067 25.1

10.12

9.62

53.6 64.2

52.9 63.9

53.3 64.1

9.45

10.26

39.45 3945 24.4

8.03

8.72

51.2 64.9

52.8 65.6

52.0 65.3

8.35

8.55

33.65 3365 20.8

10.07

9.43

54.8 66.2

54.4 66.2

54.6 66.2

9.72

9.75

38.97 3897 24.1

D A T E S			PLANT HT. (IN.)
HEADING		FULL	
1ST	FULL	RIPE	

B5117A2-28-3,	120	7/28	8/9	8/30	43	
422 CP231x CI 9/22	216	7/27	8/9	8/30	46	
(109)	330	7/28	8/9		42	
	429	7/27	8/9		44	
		7/28		8/30(126)	44	0
X B502A2-44-11,	121	7/29	8/9		45	
423 B61x CP231	217	7/28	8/8	8/30	47	
(193)	333	7/28	8/9		43	
	432	7/28	8/9		45	
Head row block on 42E		7/28		8/30(126)	45	0

LSD 101 460
105 336

C.V. 5.9%
Ave. yel. - 384/

20th

26

24

25

32

34

33

G / 1 good, 6/6

Earliest & shortest straw of any in group

straw hulls & short straw, Pan rather short

G / Darker green than others at
shorter 6/6, almost as short as 4 2/5 or 3/5

Earliest & possibly shortest of
new gold hull seeds. Shorter than CP, 1/2 good

2.83

10.47

8.72

9.97

37.99

3799 23.5

11.37

10.07

10.12

9.93

41.49

4149 25.6

56.2 67.6

55.9 67.4

56.1 67.5

48.7 65.2

47.9 65.2

48.3 65.2

group #4

no lodging 424 to 430 on 9/9

Same as group 3
OWN

DATES		PLANT HT. (IN.)
HEADING 1ST FULL	FULL RIPE	

B502A2-113-9

424

122	8/2	8/16	9/8	44
222	8/2	8/15	9/8	49
(HAR) 320	8/1	8/16	9/8	46
416	8/1	8/15	9/8	51
	8/2		9/8 (135)	48

B502A2-60-1-2

425

Bbt x CP 231

CI 9389

(297)

123	8/3	8/17	9/6	40
225	8/3	8/17	9/6	42
318	8/2	8/17	9/6	43
419	8/3	8/17	9/7	42
	8/3		9/6 (133)	42

Improved Bluebonnet

426

C.I. 8992

(415)

124	8/10	8/24	9/12	53
226	8/9	8/23	9/12	52
316	8/10	8/23	9/12	50
418	8/8	8/23	9/12	54
	8/9		9/13 (140)	52

B4513A2-12-2-2-3

427

Hill Sel x Bbt.

C.I. 9227

(416)

125	8/6	8/17	9/9	48
223	8/6	8/16	9/7	51
317	8/6	8/16	9/9	52
415	8/5	8/17	9/9	54
	8/6		9/9 (136)	51

Toro

428

C.I. 9013

(417)

126	8/6	8/17	9/7	48
227	8/5	8/17	9/8	50
319	8/6	8/17	9/10	47
417	8/6	8/17	9/10	53
	8/6		9/9 (136)	50

John

$$\begin{array}{r} 32 \\ 30 \\ \hline 31 \end{array}$$

$$\begin{array}{r} 34 \\ 35 \\ \hline 35 \end{array}$$

$$\begin{array}{r} 24 \\ 24 \\ \hline 24 \end{array}$$

$$\begin{array}{r} 36 \\ 35 \\ \hline 36 \end{array}$$

$$\begin{array}{r} 58 \\ 58 \\ \hline 58 \end{array}$$

G / Has a C Pappland on 6/6

Tall but huge good show

G / shorty reg growth on 7/5 than others
1 bud for whT on 7/24 in ADC

short bl, hds rather short, looks good

G /

G /

Tall, good yield,

G / leaves more erect than rest 50%
V. bud for head blight

9.88

10.23

11.42

12.81

44.34 4434 27.4

8.28

7.88

9.59

9.96

35.71 3571 22.0

8.12

7.44

9.81

10.10

35.47 3547 21.9

9.01

8.84

12.24 1 row

10.86

40.95 4095 25.3

8.08

7.73

9.78

5.94

37.47 3747 23.1

49.6 63.2

49.6 63.2

49.6 63.2

50.6 65.5

49.4 64.9

50.0 65.2

47.3 62.4

46.9 63.2

47.0 62.8

57.1 64.9

57.0 65.2

57.1 65.1

58.4 65.6

58.4 65.6

58.4 65.6

DATES			PLANT HT. (IN.)
HEADING		FULL	
1ST	FULL	RIPE	

X	Bluebonnet 50	127	8/9	8/16	9/9	49
429	C.I. 8990	224	8/8	8/16	9/8	50
	(418) ✓ 3/5		8/9	8/16	9/9	51
	✓ 421		8/9	8/16	9/9	52
			8/9		9/9(136)	51
X	B46-47975-4.	128	8/17		9/14	49
430	Rexark Rogue	228	8/17		9/14	50
	C.I. 9214	✓ 321	8/17		9/14	48
	✓ K. 9/27	✓ 420	8/17		9/14	51
	139 - 128 + 321		8/17		9/14(141)	50
	48 - 228 + 420					

101 453

105 331

C.V. 5.7%

Average 3896

$$\begin{array}{r} 27 \\ 25 \\ \hline 26 \end{array}$$

$$\begin{array}{r} 20 \\ 21 \\ \hline 21 \end{array}$$

G

G

about 2 days later than Imp. BBT, not
as tall as BBT50, sturdier stream

14
10
31

7.69

7.95

9.31

10.55

35.50

3550 21.9

9.75

9.62

10.65

11.84

41.86

4186.25.8

51.3 66.5

51.4 67.1

51.4 66.8

52.8 64.0

52.8 64.3

52.8 64.2

no lodging 43/5 437 on 9/9

DATES		PLANT
HEADING	FULL	HT.
1ST FULL	RIPE	(BL)

B5223A5-14-1	129	8/9	8/17	9/8	49
431 C59122x B6+50	229	8/9	8/17	9/7	50

(246) 324 8/9 8/17 9/7 49

427 $\frac{8}{9}$ $\frac{8}{17}$ $\frac{9}{8}$ 49

Feed Increase on 42 W

$$\frac{8}{9} \quad \frac{9}{8(135)} \quad 49$$

B5233A1-8-2, 130 86 8/16 7/10 42

432	CI 9278X TP	230	8/6	8/16	9/10	42
-----	-------------	-----	-----	------	------	----

(259) 325 $\frac{8}{7}$ $\frac{8}{16}$ $\frac{9}{10}$ 42

428 8/6 8/16 9/9 43

$$\frac{8}{6} \quad \frac{9}{10}(137) \quad 42$$

X B5233A1-74-1, 131 8/8 8/16 9/5 44

433 CI 9278X TP 234 8/8 8/18 9/1 47

(269) 322 8/10 8/18 9/7 43

423 8/9 8/18 9/7 45

$$\frac{8}{9} \quad \frac{9}{6}(133) \quad 45$$

X Trans B5233 A1-96-3, 132 8/8 8/17 9/7 44

434	C.L. 9278 X TP	232	8/2	8/17	9/9	42
-----	----------------	-----	-----	------	-----	----

(273) 327 8/8 8/17 9/9 45

425 8/8 8/17 9/10 45

8/8	9/9 (136)	44
-----	-----------	----

B4512171-106, 133 8/7 8/17 9/8 47

435	Hill Selx Bbt	231	8/8	8/17	9/6	47
-----	---------------	-----	-----	------	-----	----

(66) 326 8/7 8/17 9/8 47

424 8/8 8/7 9/7 47

8/8 9/7(134) 47

$$\begin{array}{r} 23 \\ 29 \\ \hline 26 \end{array}$$

$$\begin{array}{r} 29 \\ 31 \\ \hline 30 \end{array}$$

$$\begin{array}{r} 27 \\ 28 \\ \hline 28 \end{array}$$

$$\begin{array}{r} 22 \\ 22 \\ \hline 22 \end{array}$$

$$\begin{array}{r} 29 \\ 32 \\ \hline 31 \end{array}$$

G

Prob. sl. shorter ht than BBt50, v good,
tail ripening, tallest in group

G

gold hulls, v short ht, good, shorter ht
than other BS233A lines

G

gold hulls, v short ht, v good, many
dead leaf tips on 9/9, (like 9278)

G

straw hulls, shorter ht than BBt50,
Hds rather short but looks good watch
leaf tips not dying back like 433

G

v good BBt50 type, no taller, v green leaves

9.13

9.73

9.99

8.60

37.45 3745 23.1

9.57

10.06

9.16

10.60

39.39 3939 24.3

9.31

9.63

9.45

9.35

37.74 3774 23.3

9.18

9.75

8.97

10.37

38.27 3827 23.6

8.27

7.90

7.34

7.91

31.42 3142 19.4

52.2 66.6

52.9 67.0

52.6 66.8

49.6 68.2

49.2 67.4

49.4 67.8

54.5 67.2

55.7 67.2

55.1 67.2

53.5 67.1

53.5 67.2

53.5 67.2

45.8 67.0

46.1 67.1

46.0 67.1

DATES		FULL RIPE	PLANT HT. (IN.)
HEADING	1ST FULL		

436	B49-4601-5,	134	7/30	8/13	9/2	44
	Bbt. Sel.	233	7/29	8/14	9/2	45
	(421)	328	7/31	8/14	9/2	44
		422	7/29	8/14	9/2	43
			7/30		9/2 (129)	44

437	X-157-3-4,	135	8/5	8/17	9/6	40
	Bbt. 50	235	8/6	8/17	9/6	41
		323	8/6	8/17	9/7	40
		426	8/6	8/17	9/7	41
			8/6		9/7 (134)	41

891/3 - 135 + 323
 891/2 - 235 + 426

101 452
 105 330

C.V. 6.1%

Ave 3647

37

34

36

27

30

29

G / as tall as others in group, v good 6/6
darker green color than others in group

short Hds, short lt, andy fans

F^{light green} / v. short, lt + yellowish green
color 4/6, still v short on 2/5, color improved

Heavily infested with c, v short lt good,
longer grain than 65150

10.94

10.30

10.13

10.73

42.10

42.10 26.0

7.80

8.18

6.42

6.54

28.94

28.94 17.9

56.0 66.8

55.7 66.6

55.9 66.7

52.8 68.8

52.9 68.8

52.9 68.8

all sub. group # 6
 no lodging on 9/9 (438 to 444)
 Same as 3

DATES		PLANT HT. (IN.)
HEADING 1ST FULL	FULL RIPE	

438	B508A1-34-1-1,	136	8/3	8/14	9/7	49	
	B6t x H0 10	240	8/3	8/14	9/6	55	
	(277)	310	8/3	8/15	9/10	51	
		409	8/3	8/15	9/6	53	
			8/3		9/7 (134)	52	0
438	B501A1-26-9-2,	137	8/3	8/15	9/6	47	
	B6t x B433A2-6	239	8/3	8/14	9/6	51	
	(279)	314	8/4	8/15	9/5	48	
		413	8/3	8/16	9/6	49	
			8/3		9/6 (133)	49	0
440	B502A2-98-1,	138	8/3	8/17	9/8	44	
	B6t x CP 231	241	8/3	8/17	9/7	48	
	(413)	308	8/4	8/17	9/9	46	
		408	8/3	8/17	9/6	50	
			8/3		9/7 (134)	47	0
441	B502A2-60-1-3,	139	8/3	8/16	9/5	46	
	B6t x CP 231	237	8/2	8/16	9/5	48	
	(298)	313	8/2	8/16	9/6	44	
		412	8/2	8/15	9/5	46	
			8/2		9/5 (132)	46	0
442	B502A2-113-3-1,	140	8/3	8/15	9/7	50	
	B6t x CP 231	236	8/3	8/15	9/6	52	
	(308)	312	8/3	8/15	9/9	49	
		411	8/3	8/16	9/6	53	
			8/3		9/7 (134)	51	0

$$\begin{array}{r} 30 \\ 29 \\ \hline 30 \end{array}$$

$$\begin{array}{r} 22 \\ 24 \\ \hline 23 \end{array}$$

$$\begin{array}{r} 33 \\ 33 \\ \hline 33 \end{array}$$

$$\begin{array}{r} 40 \\ 39 \\ \hline 40 \end{array}$$

$$\begin{array}{r} 29 \\ 29 \\ \hline 29 \end{array}$$

G / all darker green + more erect, $\frac{6}{5}$
leaf growth than other solo in group
V tall

G / V back reg p. 8. $\frac{7}{5}$

more blight than most.
gold hulls, V heavy, uniform, more
leaf destruction than some. Consider CO

G / V short reg gr on $\frac{1}{5}$, shorter than $\frac{4}{4}$

Short hit, pan short, some blight, good.

G / Some wh. Tips

V short hit, V good yield

G /

Rather tall but heavy

9.19

9.87

49.8 65.6

10.23

50.8 65.6

9.43

50.3 65.6

38.72

3872 23.9

8.50

8.36

56.0 65.6

8.62

56.2 65.8

8.21

56.1 65.7

33.69

3369 20.8

10.55

11.05

50.4 65.0

10.89

50.6 65.5

11.65

50.5 65.3

44.14

4414 27.2

8.81

10.87

59.7 68.2

10.28

57.8 67.2

10.48

58.8 67.7

40.44

4044 25.0

9.92

11.46

55.8 67.3

9.83

56.0 67.2

10.50

55.9 67.5

41.71

4171 25.8

2.
↓

DATES			PLANT HT. (IN.)
HEADING	FULL	RIPE	
1ST	FULL		

B502A3-100-1,	141	8/6	8/16	9/7	48
443 B67 x CP231	238	8/6	8/16	9/6	51
(331)	309	8/6	8/16	9/9	50
	414	8/6	8/16	9/7	51
		8/6		9/7(134)	50
B502A2-96-3-1,	142	8/✓	8/15	9/6	47
444 B67 x CP231	242	8/3	8/15	9/8	49
(300)	311	8/3	8/15	9/10	47
	410	8/3	8/15	9/5	51
		8/3		9/7(134)	49

all aco. in this group look much alike on 6/6,
except 438 which has more erect leaves, & a darker color

101 455
105 332

C.V. 5.6%

Ave. 4026

$$\begin{array}{r} 29 \\ 30 \\ \hline 30 \end{array}$$

$$\begin{array}{r} 35 \\ 34 \\ \hline 35 \end{array}$$

G / rather short my go on 3/5

some irreg. in lit, & heavy plot, watch

G /

nearly as tall as 442, smaller
stems, possibly not as sturdy as others

8.23

9.30

9.72

10.09

37.34

3734 23.0

11.96

11.26

11.04

11.54

45.80

4580 28.3

45.8 58.7

47.4 59.4

46.6 59.1

50.4 65.7

49.8 65.6

50.1 65.7

group #7

Group 4

DATE	DATE	PLANT	PLANT
HEAD	HEADING	FULL	HT.
	1ST FULL	RIPE	(IN.)

* 445	PI 215,936	143	7/28	8/12	9/8	45	
	Tainan-iku-487	244	7/28	8/11	9/8	46	
	(Taiwan) (514)	305	7/28	8/12	9/9	46	
	P to Hoya Alonso grand cut 9/16	403	7/28	8/11	9/9	48	
446	Blue Rose	144	8/7	8/25	9/20	62	30
	C.I. 1962	248	8/11	8/24	9/20	61	80
	(422)	302	8/10	8/25	9/20	62	90
		401	8/11	8/24	9/20	63	80
			8/10		9/20 (147)	62	63
* 447	Calrose	145	7/27	8/10	9/6	50	70
	C.I. 8988	247	7/27	8/10	9/7	52	70
	cut green (423)	303	7/27	8/10	9/6	53	90
		407	7/26	8/10	9/6	51	75
			7/27		9/6 (133)	52	100
448	B49-508	146	8/18	8/31		51	0
	CAR	246	8/18	8/31		56	70
	C.I. 9116 (424)	301	8/18	8/31		56	40
		404	8/18	8/31		58	85
			8/18		9/20 (149)	55	70
* 449	Caloro	147	7/30	8/12	9/7	54	40
	C.I. 1561-1	249	7/29	8/11	9/7	55	20
	cut green (415)	307	7/30	8/11	9/9	54	30
		406	7/28	8/11	9/6	53	75
			7/29		9/7 (134)	54	100

20/6/1966

Flight

1/6

$$\begin{array}{r} 33 \\ 33 \\ \hline 33 \end{array}$$

$$\begin{array}{r} 33 \\ 33 \\ \hline 33 \end{array}$$

+

8/19
LN-85%

+

$$\begin{array}{r} 45 \\ 45 \\ \hline 45 \end{array}$$

9/9/16

40/9/16

+

60/9/16

+

90/9/16

+

$$\begin{array}{r} 46 \\ 47 \\ \hline 47 \end{array}$$

LN-70%
8/19

$$\begin{array}{r} 47 \\ 43 \\ \hline 45 \end{array}$$

G/ wider leaves than colors on 6/6
but rather short, erect leaves, darkish

no lodging on 9/9 but beginning in a
few places, v sturdy, short straw v heavy
vG/

v. tall & v heavy

G/

vG/ Tall neg. growth like BK but 'st
narrower leaves'

G/

v heavy plot, cut & green and lodging.

13.55

11.50

66.4 71.0

15.04

67.0 70.6

14.24

66.7 70.8

54.33

5433. 33.5

8.43

9.88

62.6 68.6

6.70

63.6 68.8

7.17

63.2 68.7

32.18

3218 19.9

12.29

10.44

65.6 69.6

11.80

66.2 69.6

12.24

65.9 69.6

46.77

4677 28.9

~~6.33~~

6.33

~~8.96~~

8.96

64.8 68.6 ~~3.75~~

6.90

63.2 67.6 ~~5.15~~

10.30

64.0 68.1

32.49

3249 20.1

10.41

9.55

53.8 65.8

10.57

54.2 66.1

11.05

54.0 66.0

41.58

4158 25.7

DATE'S		PLANT HT. (IN.)	Yield
HEADING	FULL		
1ST FULL	RIPE		

450	B4555A1-102-2,	148	8/12	8/24	9/18	58	85
	Bruin SelxBR	243	8/9	8/24	9/17	56	0
	C.I. 9282 (426)	306	8/11	8/24	9/18	59	50
		405	8/11	8/23	9/16	61	70
			8/11		9/17 (144)	59	51
451	Hyb. Mix-11-49-19-2,	149	9/2	9/12	10/8	53	0
	E. Sh. Gr.	245	9/1	9/10		48	0
		304	9/3	9/11		51	0
		402	9/3	9/11		52	0
			9/2		10/8 (165)	51	10

101 - 1170

105 - 854

C.V. 13.9%

Ave 4134

Tody
90
diti

85/9/16

9/9/16

64.2 68.0 45

70/9/16

63.7 67.8 45

64.0 67.9 45

50/9/16

0/9/16

15/9/16

49.6 72.0 17

51.3 72.6 16

50.5 72.3 17

VG

v tall, long, more blight than BR.

VG (short)

lbs
per
plot

8.57

11.66

6.47

9.76

36.46 3646 22.5

10.46

12.70

11.20

11.68

46.04 4604 28.4

Group #8

Late maturing
var.

DATES		PLANT HT. (IN.)
HEADING 1ST FULL	FULL RIPE	

X	Texas Patna	150	9/5		10/9	61	
452	C.I. 8321	256	9/1		10/8	62	
	(429)	343	9/2		10/4	54	
	Hu 10/11 A, C, D	444	9/3		10/5	56	
			9/3		10/5 (162)	55	
			9/7		10/12	56	
X	B48-6420-1,	151	9/7		10/12	53	
453	Rex. 501	252	9/4		10/8	51	
	C.I. 9267 (154)	347	9/1	9/12	10/8	51	
	Hu 10/11 C, D	443	9/1		10/8	51	
			9/1		10/8 (165)	51	
	B4552A1-15,	152	9/5		10/8	56	
454	TPXR-7689	250	9/4		10/9	55	
	C.I. 9253 (140)	346	9/1	9/12	10/5	51	
	Hu 10/11 C, D	448	9/1		10/6	51	
			9/1		10/6 (163)	51	
X	Rexoro	153	9/8		10/12	58	
455	C.I. 1799	251	9/9		10/12	58	
	(431)	349	9/9		10/12	52	
	Hu 10/11 C, D	445	9/9		10/12	54	
			9/9		10/12 (169)	53	
X	TP 49	154	9/8		10/13	58	
456	C.I. 8997	253	9/8		10/13	60	
	(432)	344	9/3		10/7	54	
	Hu 10/11 C, D	446	9/3		10/9	56	
			9/3		10/8 (165)	55	

$$\begin{array}{r} 12 \\ 14 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 13 \\ 13 \\ \hline 13 \end{array}$$

$$\begin{array}{r} 17 \\ 16 \\ \hline 17 \end{array}$$

$$\begin{array}{r} 16 \\ 17 \\ \hline 17 \end{array}$$

$$\begin{array}{r} 17 \\ 18 \\ \hline 18 \end{array}$$

$$\frac{6/5}{VG/VG}$$

covered portion 10 days each in B

$$\frac{G}{G}$$

Shorter let than Rex, V good plot

In 4th series 453 is much shorter than 5th

$$\frac{G}{G}$$

$$\frac{G}{G}$$

$$\frac{G}{VG}$$

~~8.38~~

61.4 70.4

8.06

61.0 70.0

8.78

61.2 70.2

16.84 3368 20.8

55.2 70.3

6.20

54.6 69.8

6.94

55.4 70.1

13.14 2628 16.2

51.7 66.0

6.22

52.1 66.2

7.94

51.9 66.1

14.16 2832 17.5

59.2 69.6

6.93

59.2 69.7

7.31

59.2 69.7

14.24 2848 17.6

51.2 69.4

7.70

52.2 69.5

7.64

51.7 69.6

15.34 3068 18.9

DATES		PLANT HT. (IN.)
HEADING	FULL	
1ST FULL	RIPE	

* B4527A1-11,	155	9/8	10/10	60	
	254	9/9	10/10	59	
* 457 TP49xR	349	9/2	10/6	51	
	447	9/10	10/7	51	
C.I. 9120 (434)		9/6	10/7 (164)	51	0
No 10/11 C.D.					
* 458 53C 4/130	156	9/9	10/14	60	In
	255	9/10	10/14	60	80
C3-12xTP49	345	9/5	10/10	54	0
	449	9/5	10/10	53	0
CI-9179 (93)		9/5	10/10 (167)	54	0
No 10/11 C.D.					

$$\begin{array}{r} 17 \\ 16 \\ \hline 17 \end{array}$$

$$\begin{array}{r} 16 \\ 16 \\ \hline 16 \end{array}$$

veg
photo

6/5

G

VG

VG

VG

Sh. taller than 457 & 454

~~8.07~~

58.4 69.4
57.6 69.0
58.0 69.2

8.43

9.63

18.06 3612 22.3

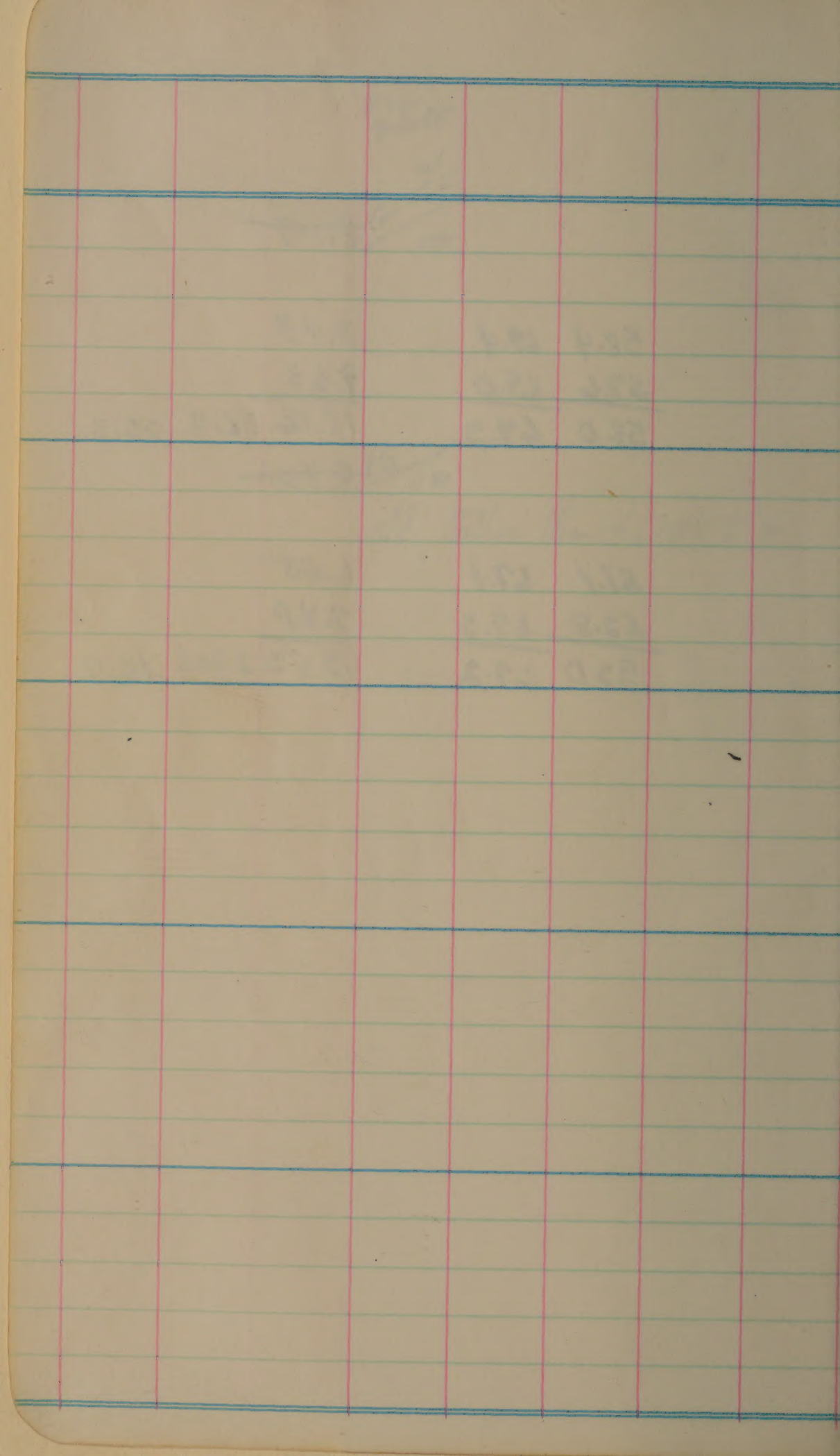
~~8.70~~

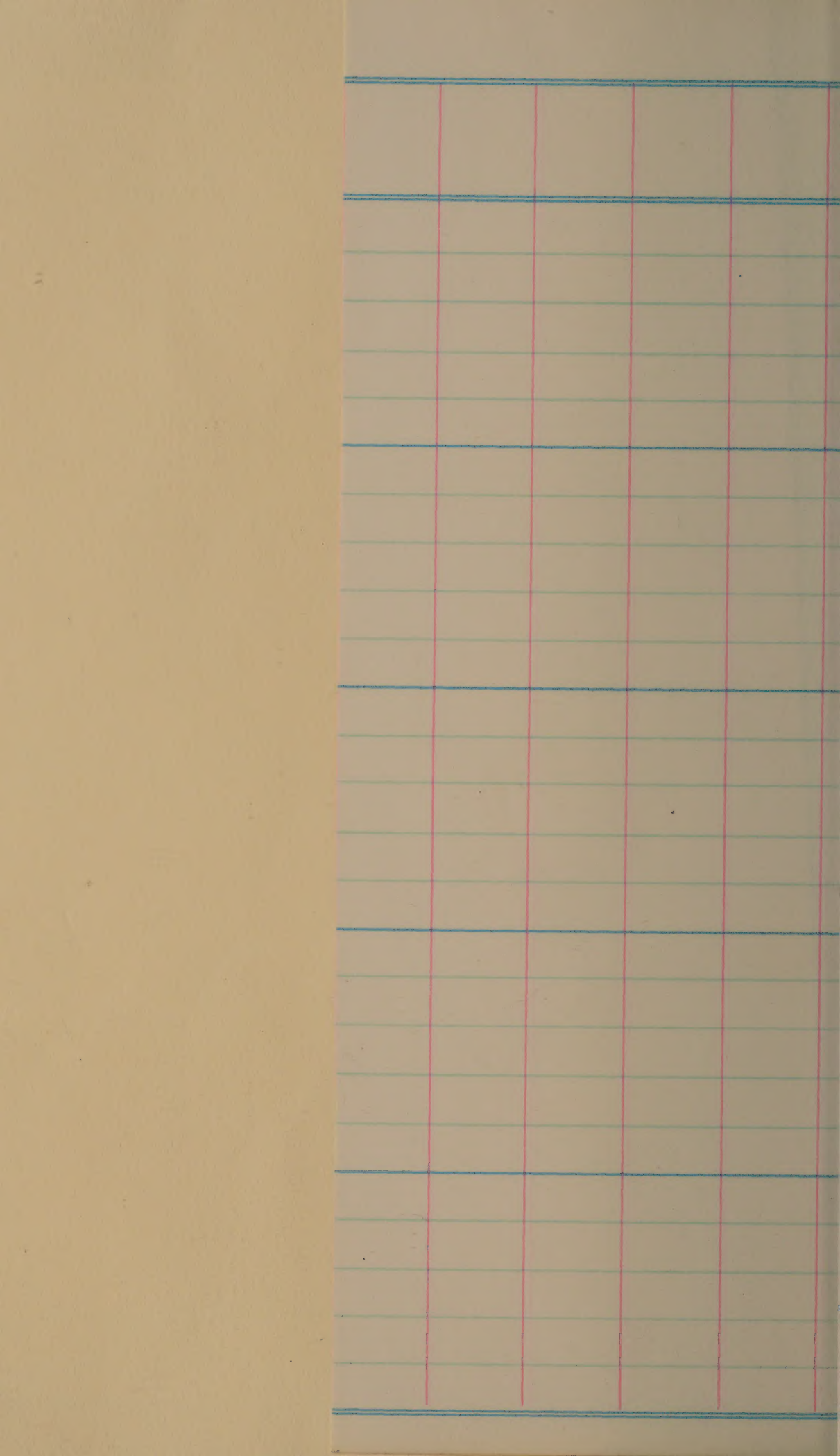
51.1 67.1
52.8 67.3
52.0 67.2

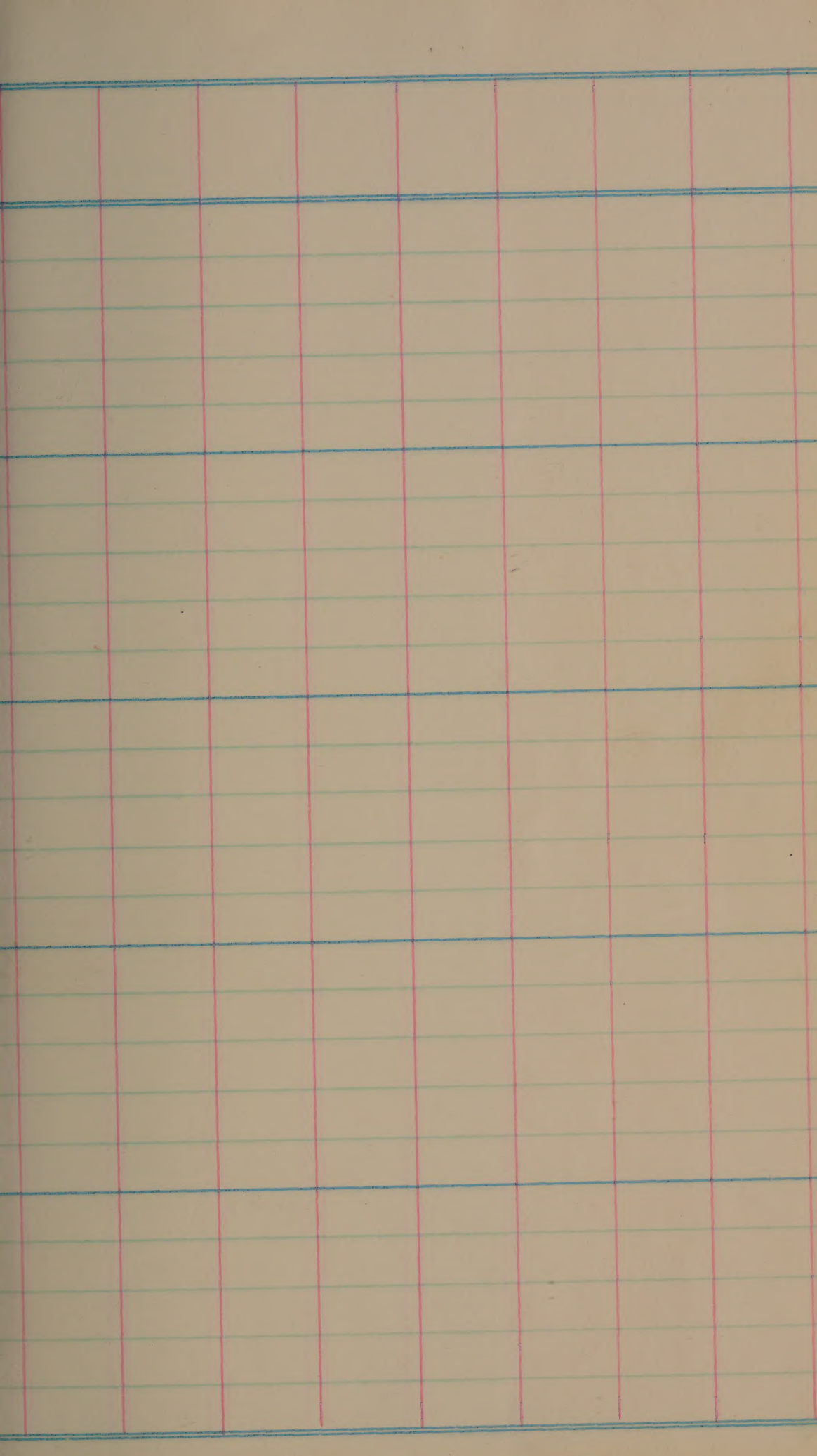
6.05

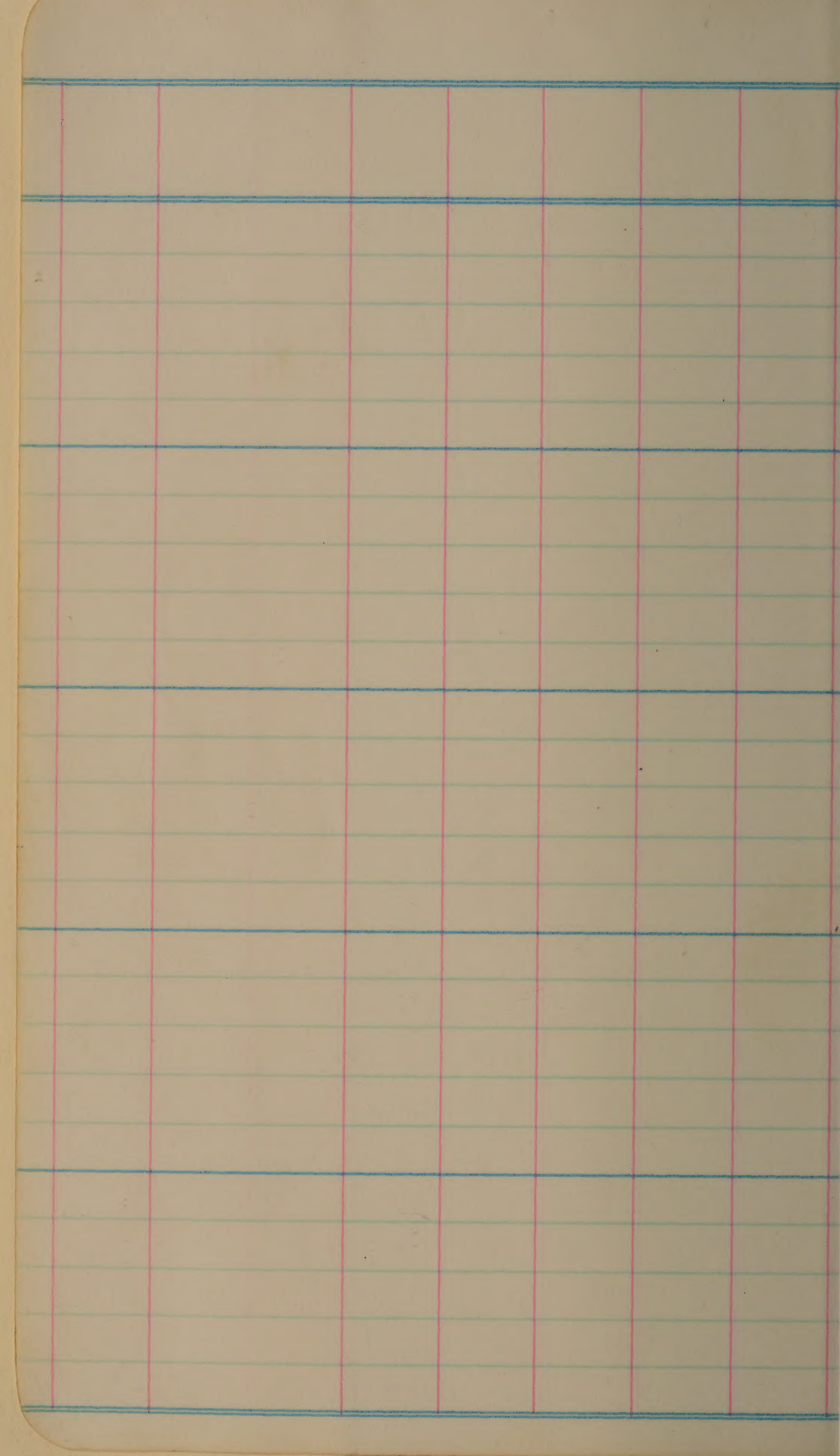
7.48

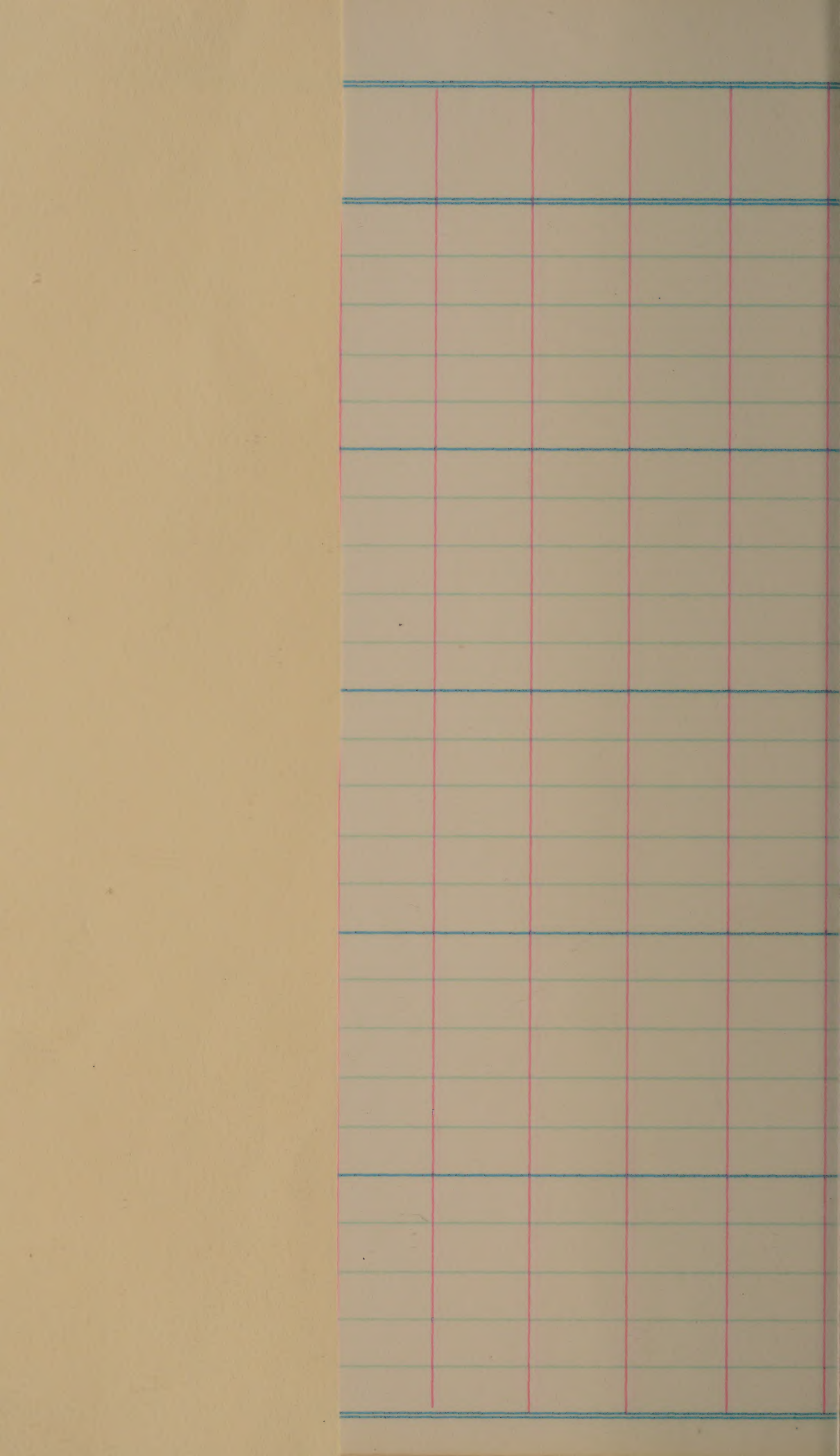
13.53 2706 16.7

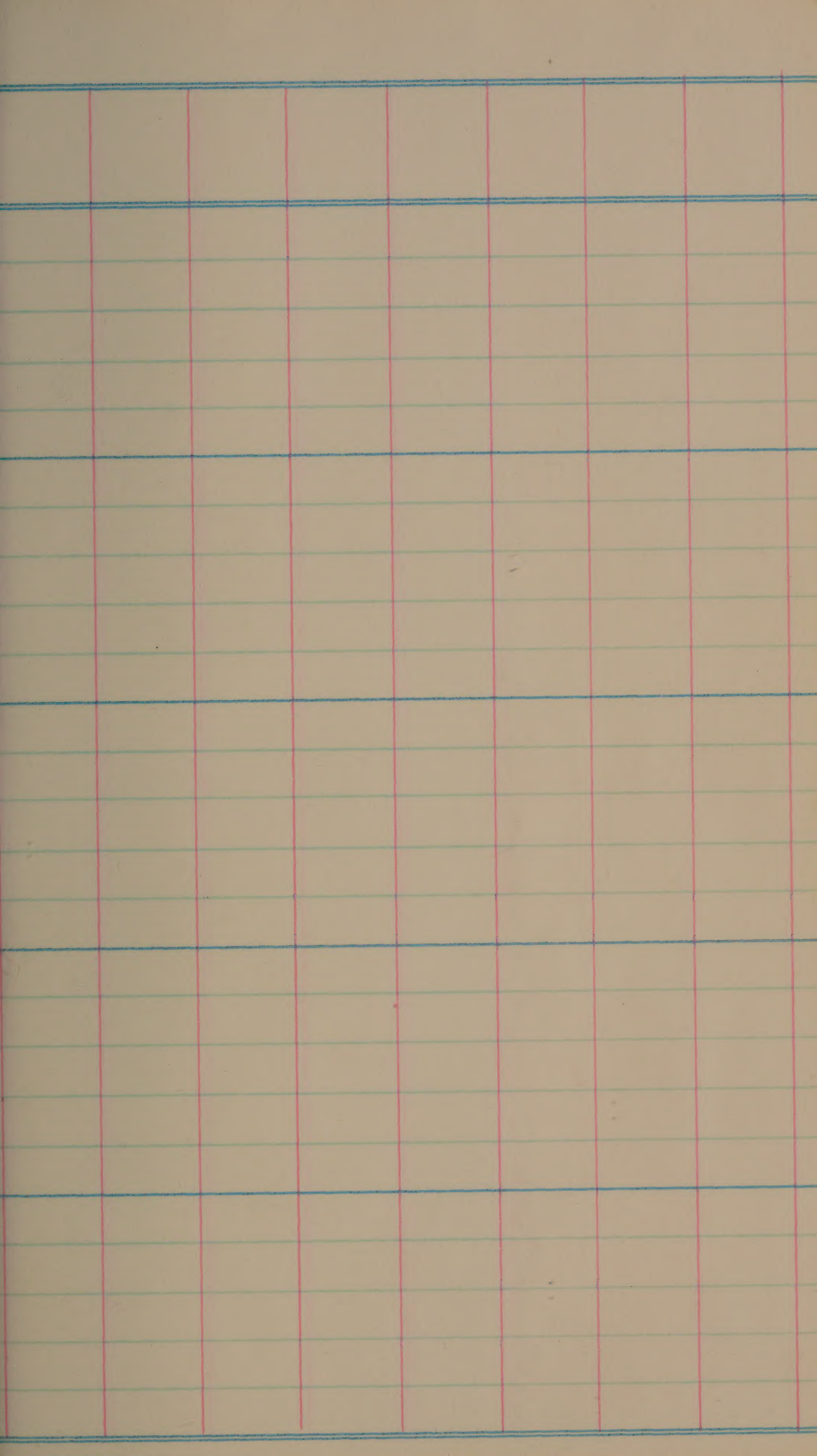


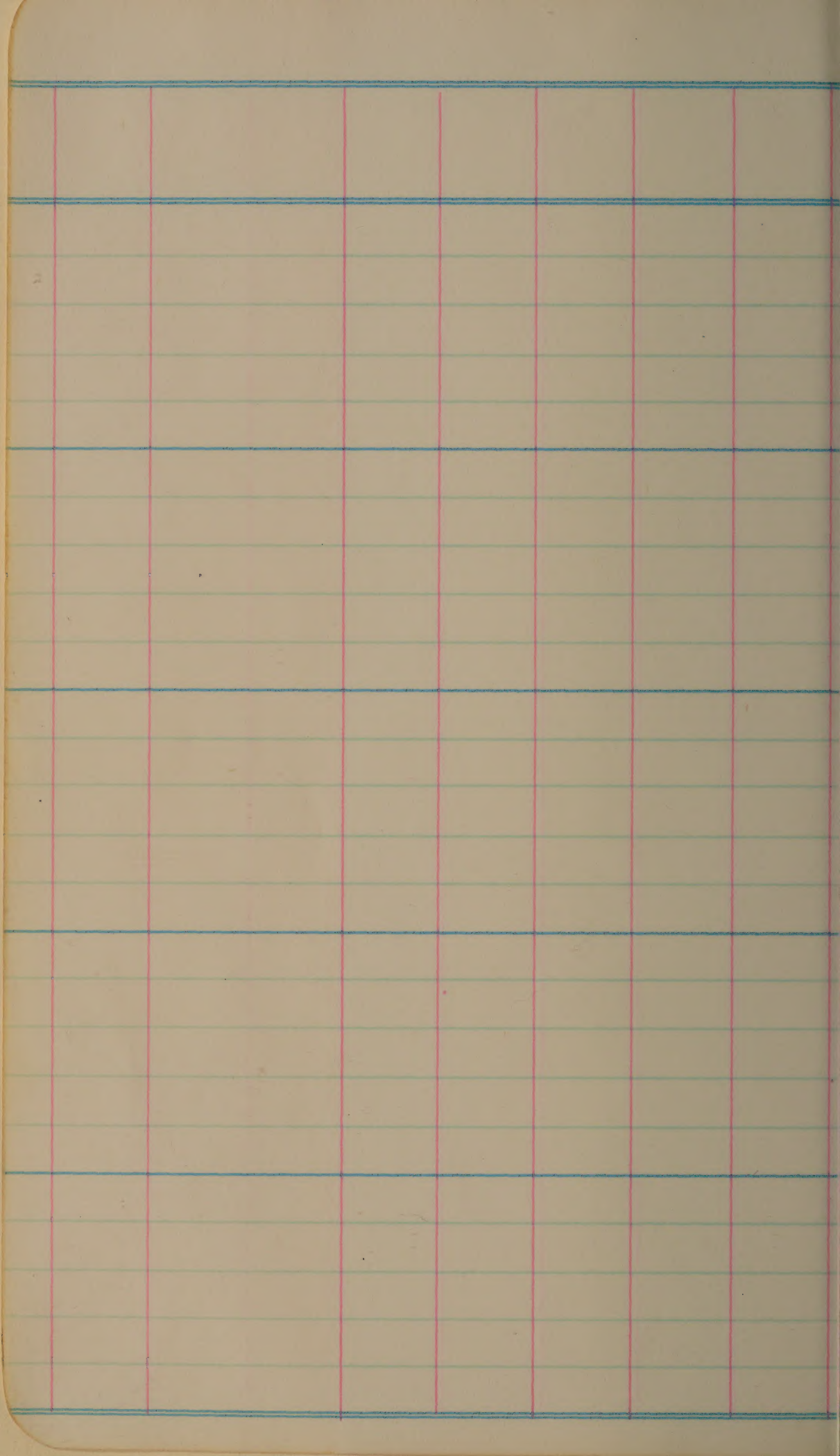


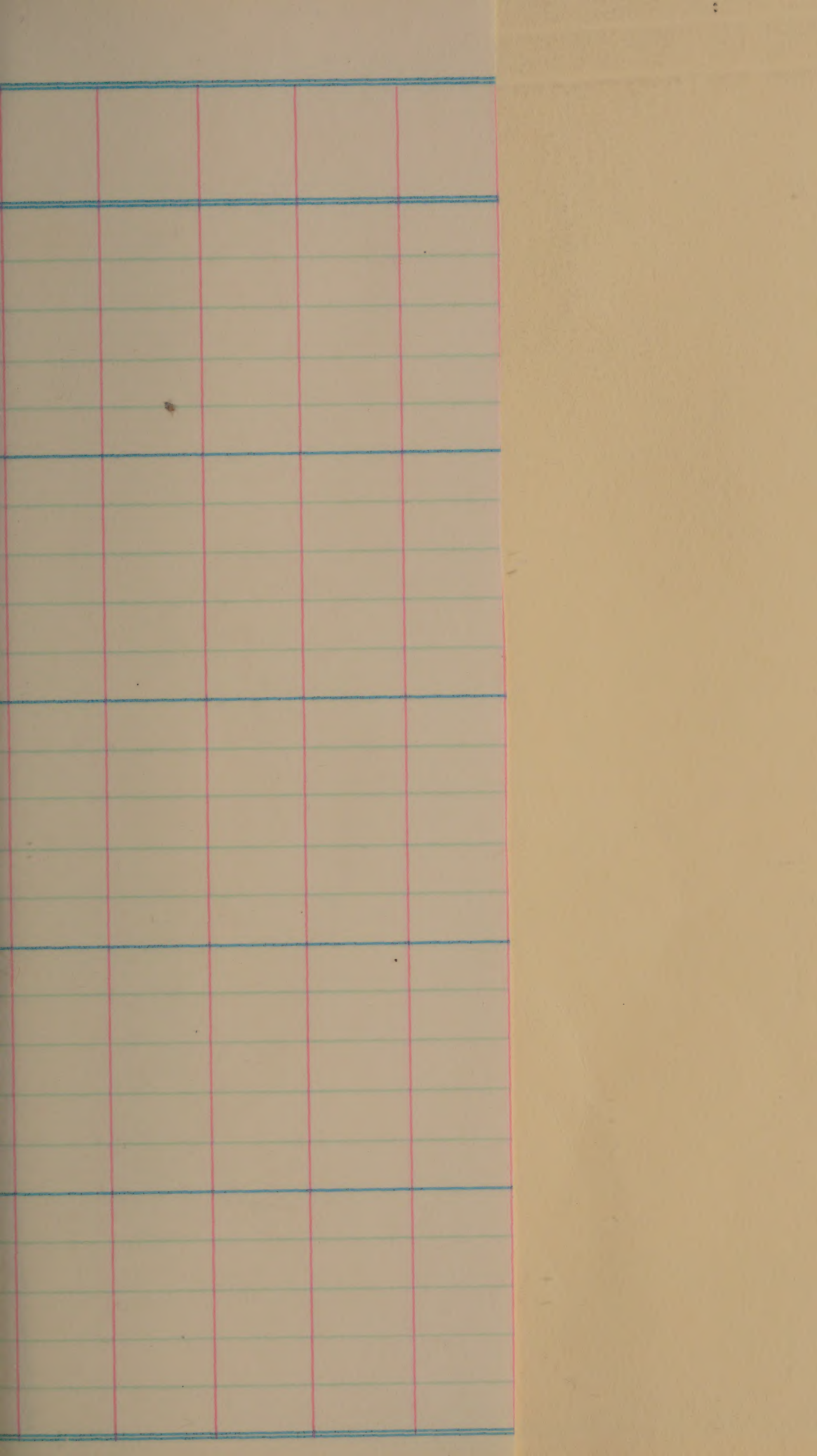


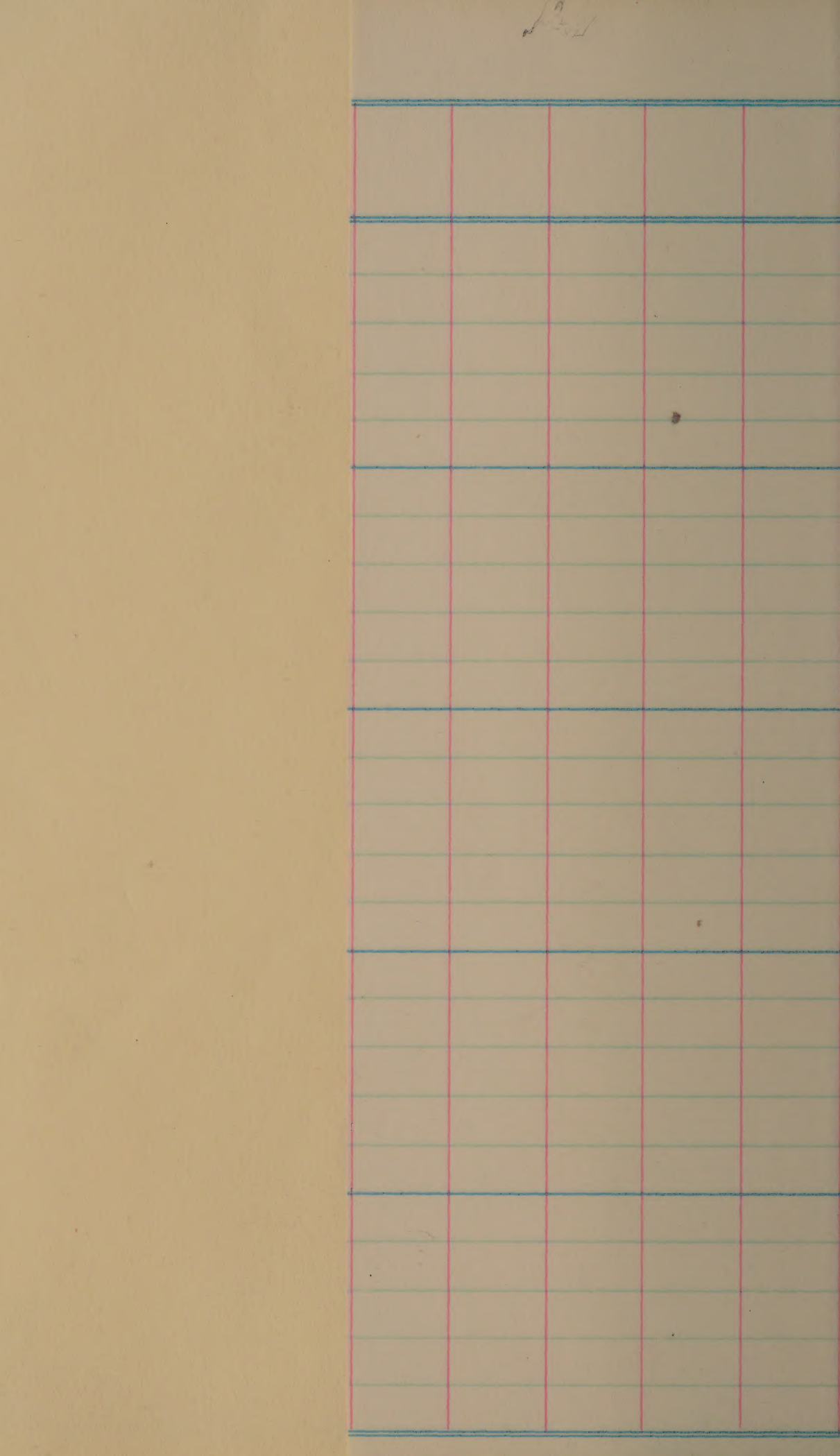


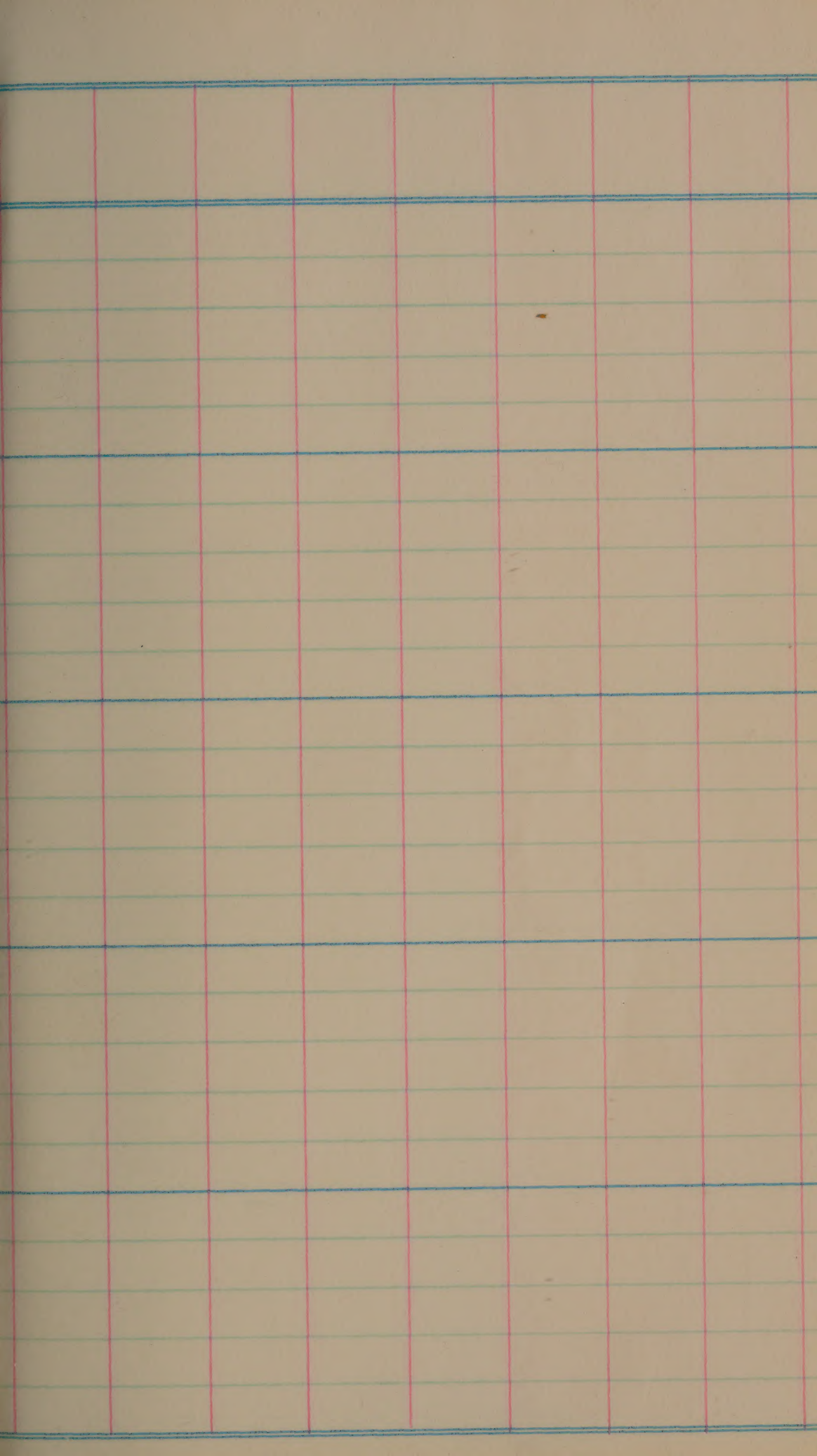


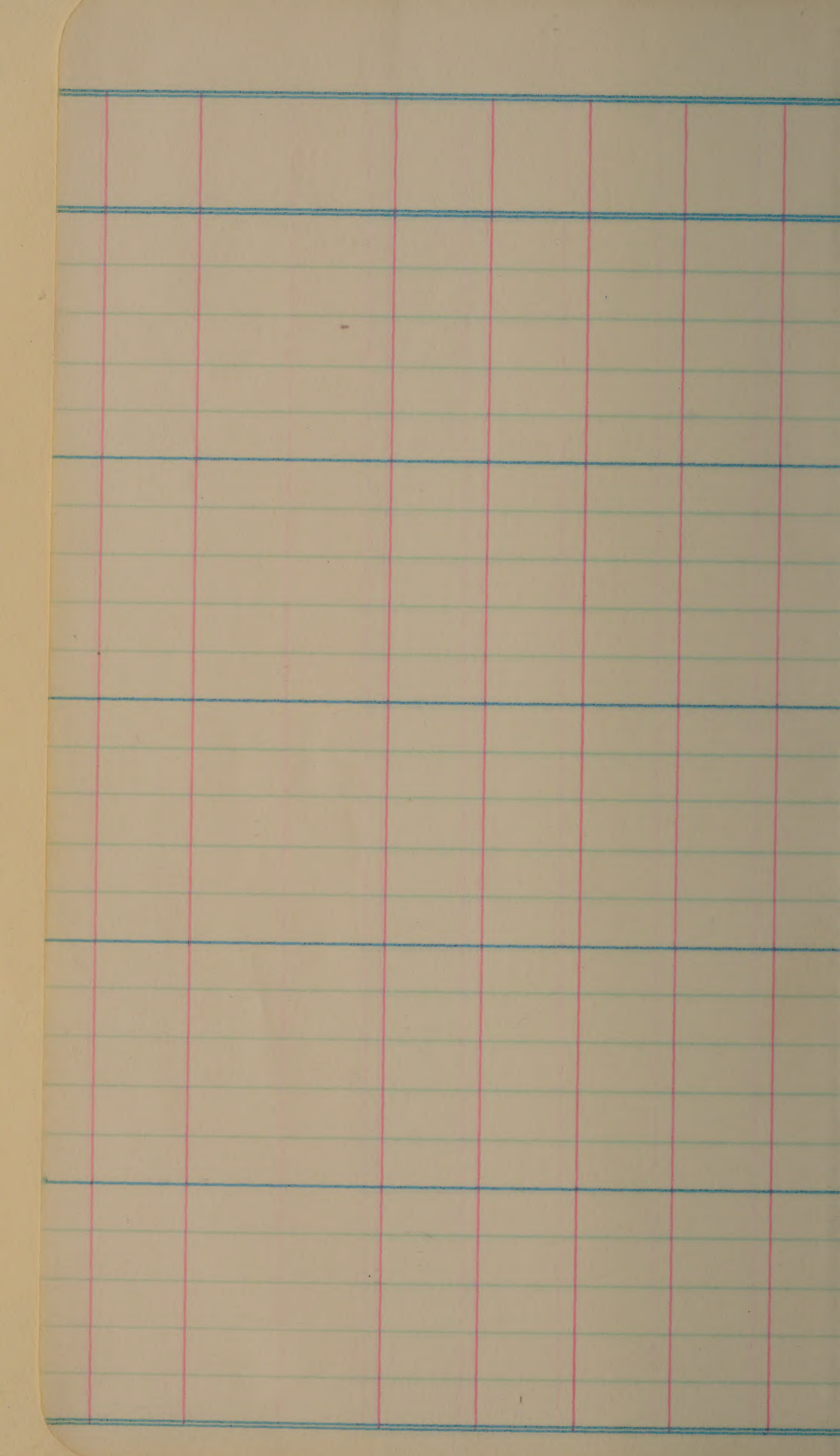


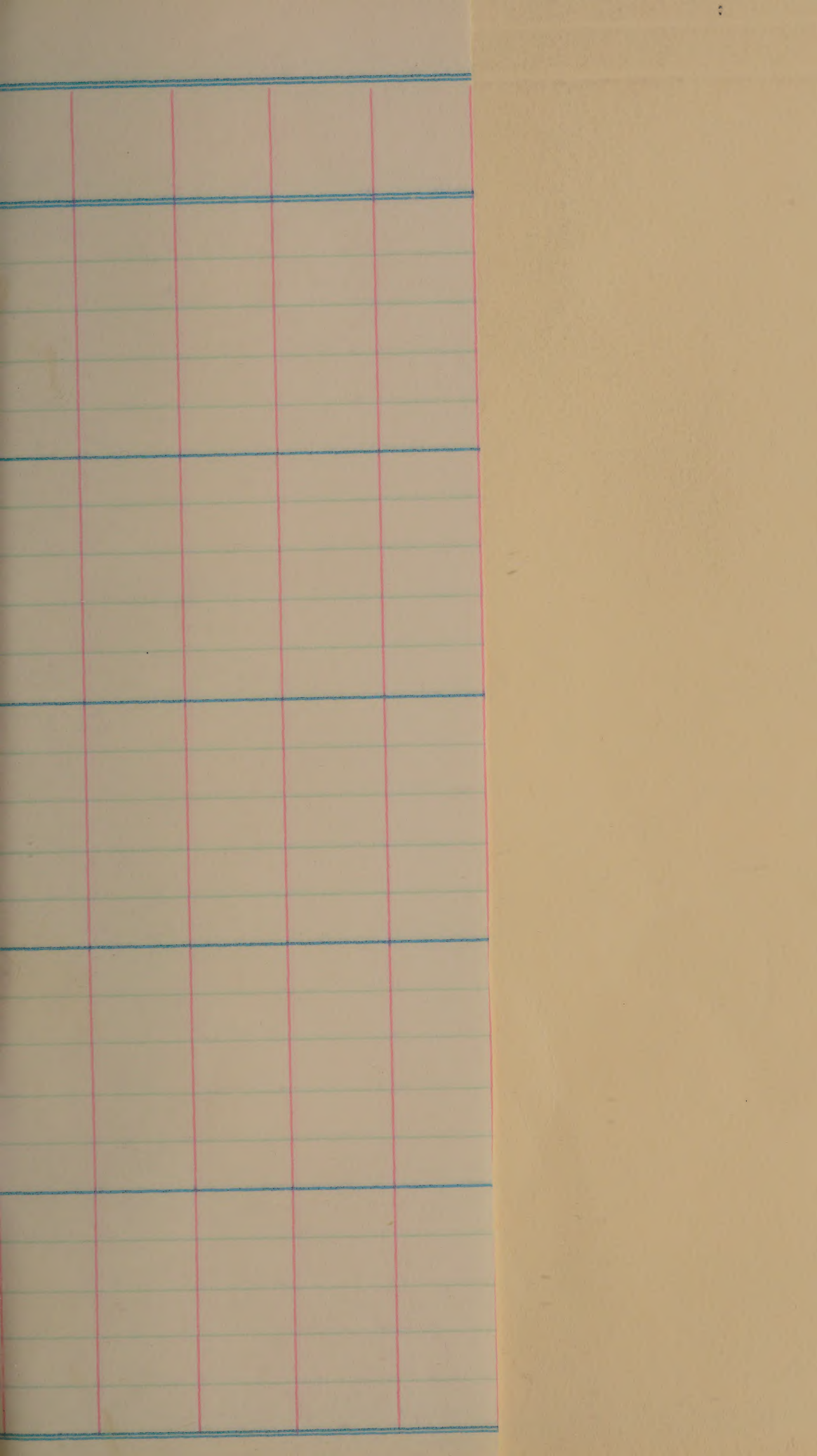


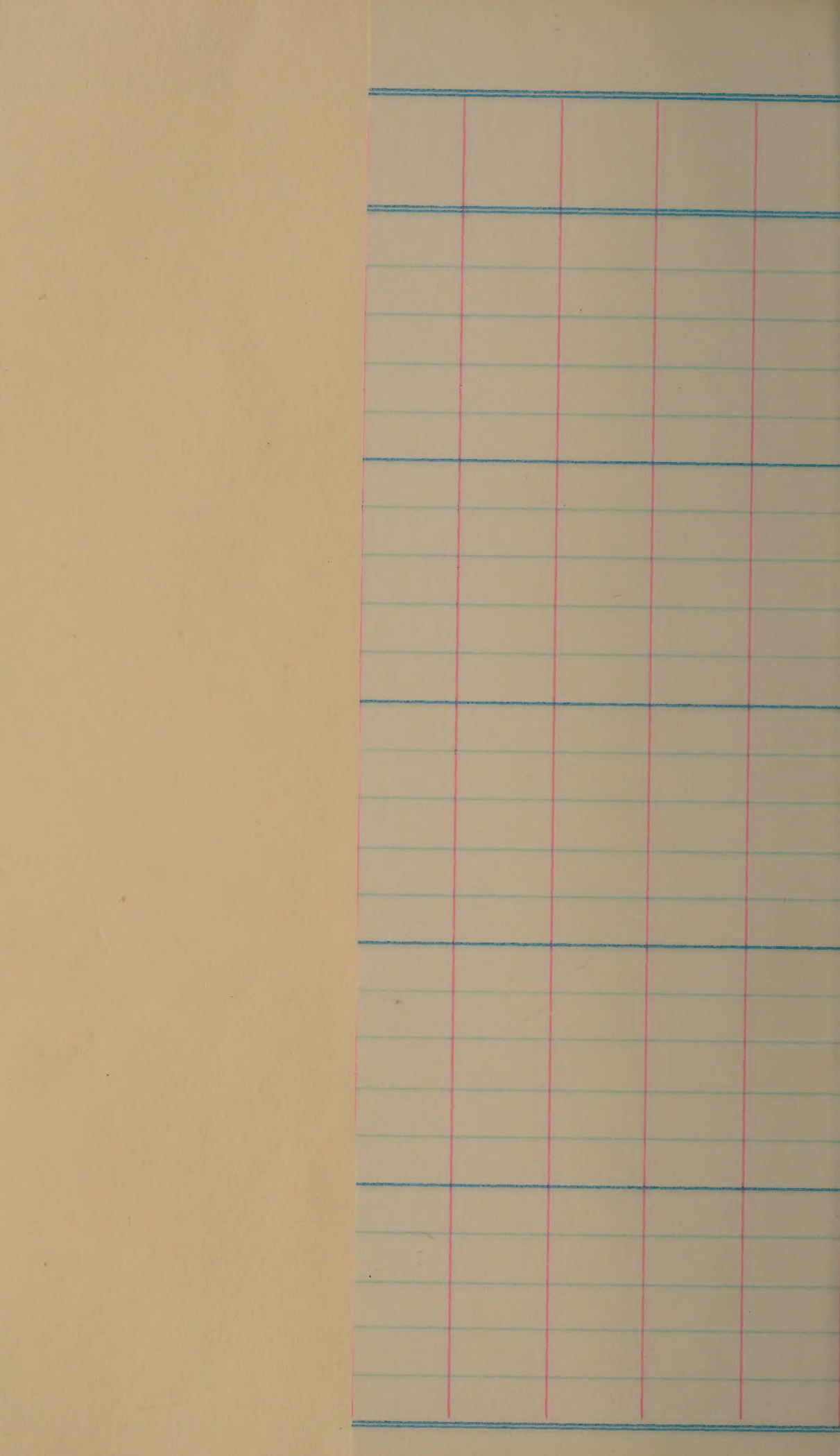


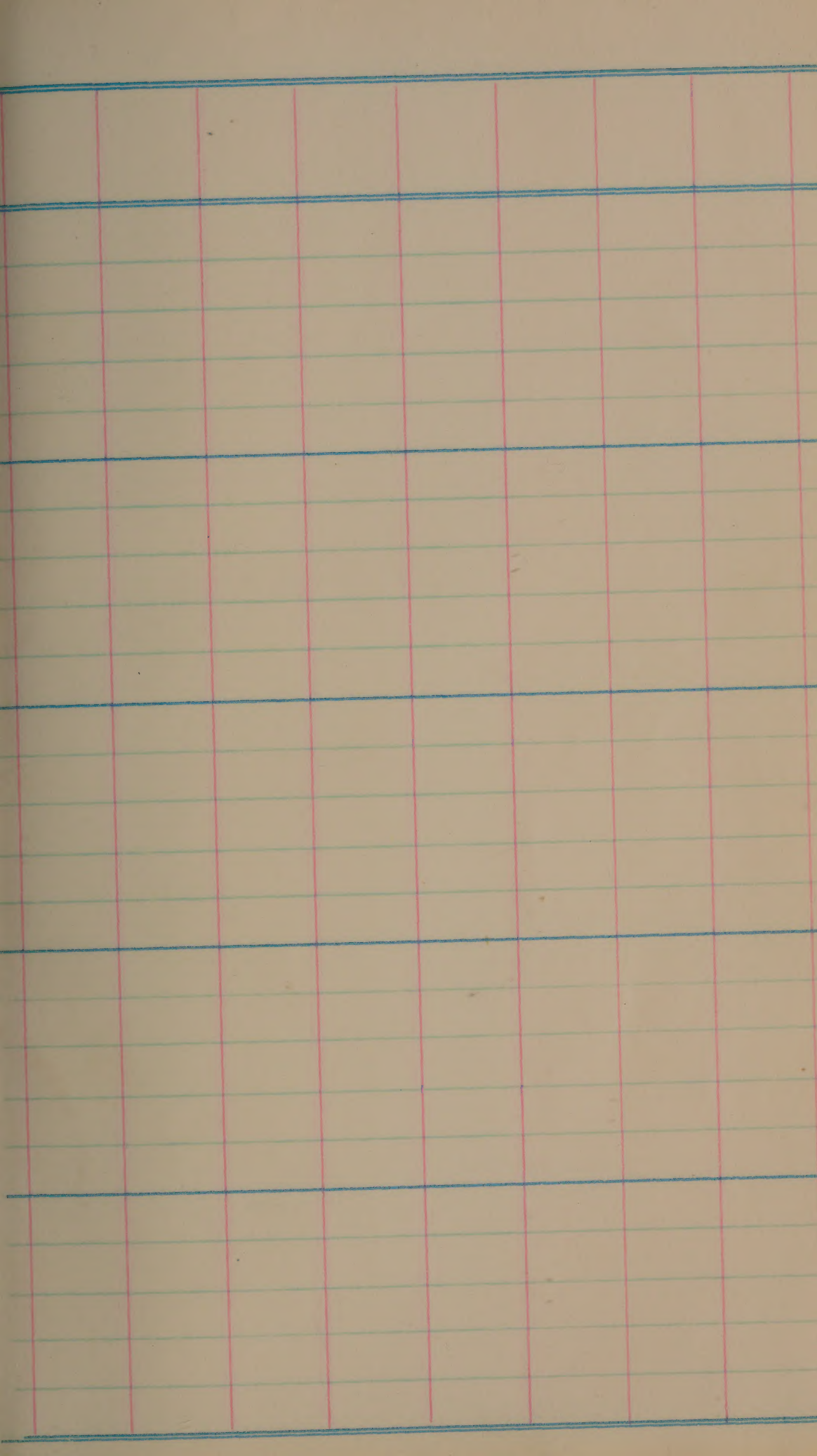


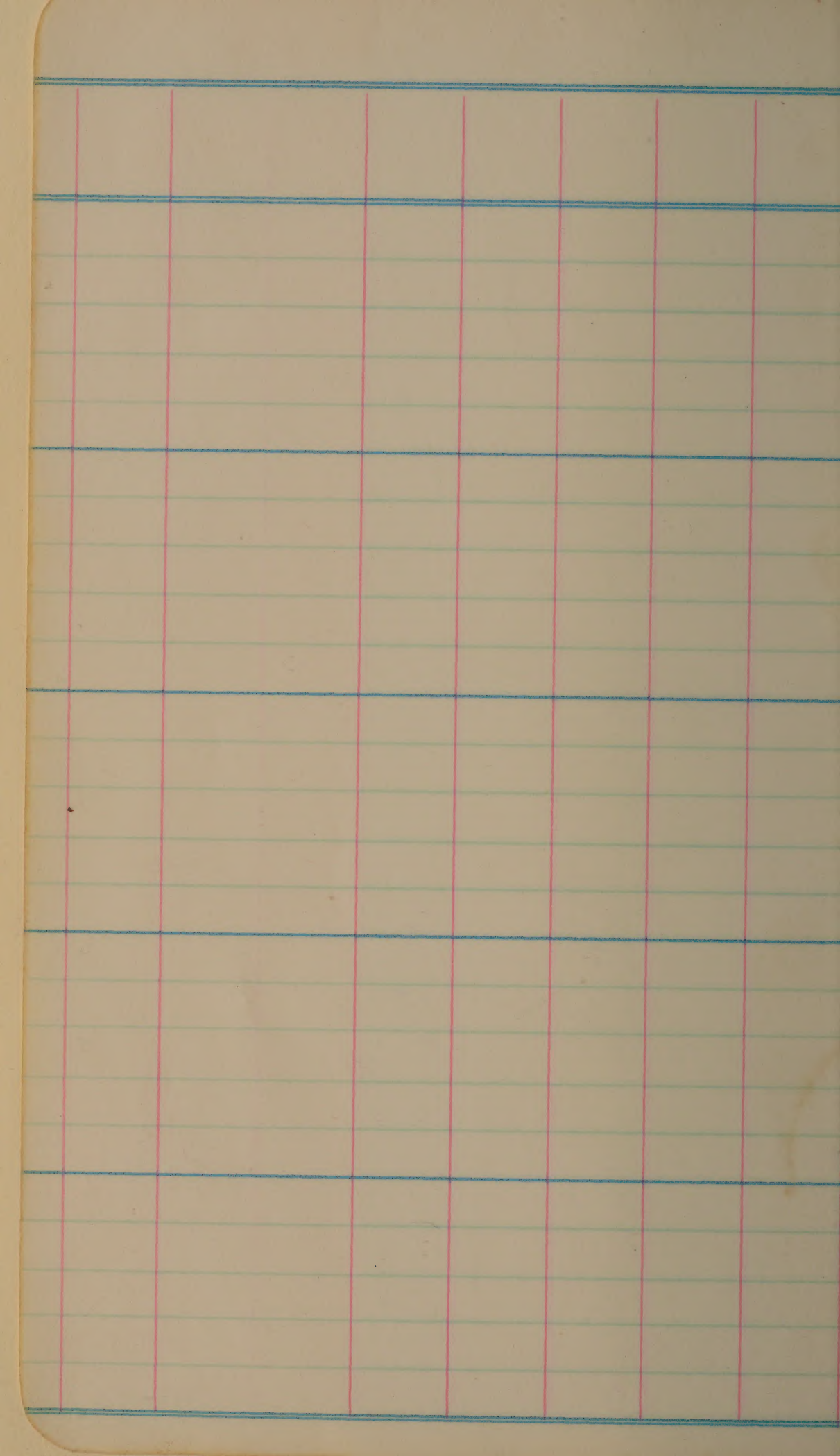


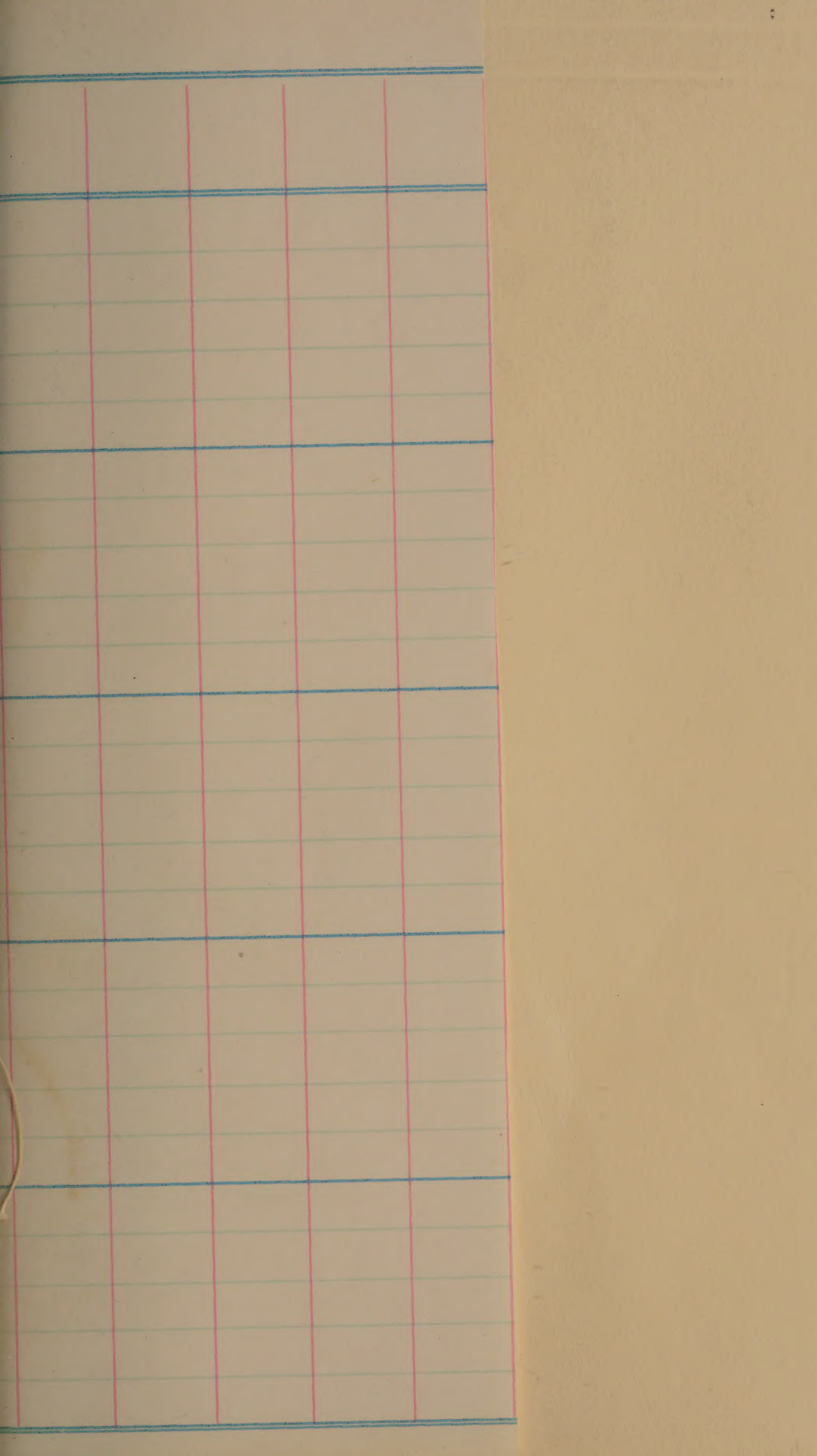












1000 heads from

434

cut guard & save 500 pan on #33
cut guard on #43, save 500 pan

UNITED STATES
DEPARTMENT OF AGRICULTURE

FIELD NOTES

AGRICULTURAL RESEARCH SERVICE
FIELD CROPS RESEARCH BRANCH
COTTON AND OTHER FIBER CROPS

For crosses this winter

510 CP231 x ZB

656 (Smooth Jap)

718 Cross for dropping flag (EBB1 ad)

773 CP231 x B50212-113. Cross to Horai
and Bruni x Z.

501.	to 570	Sown	6/11
571	to 640	"	6/11
641	to 710	"	6/11
711	to 780	"	6/12

If this notebook is lost, will finder please mail to:

U. S. DEPARTMENT OF AGRICULTURE
Field Crops Research Branch
Plant Industry Station
Beltsville, Maryland

781 2865 Sown 7/1

16-61780-2

SUGGESTIONS CONCERNING FIELD DATA AND NOTES

COTTON AND OTHER FIBER CROPS

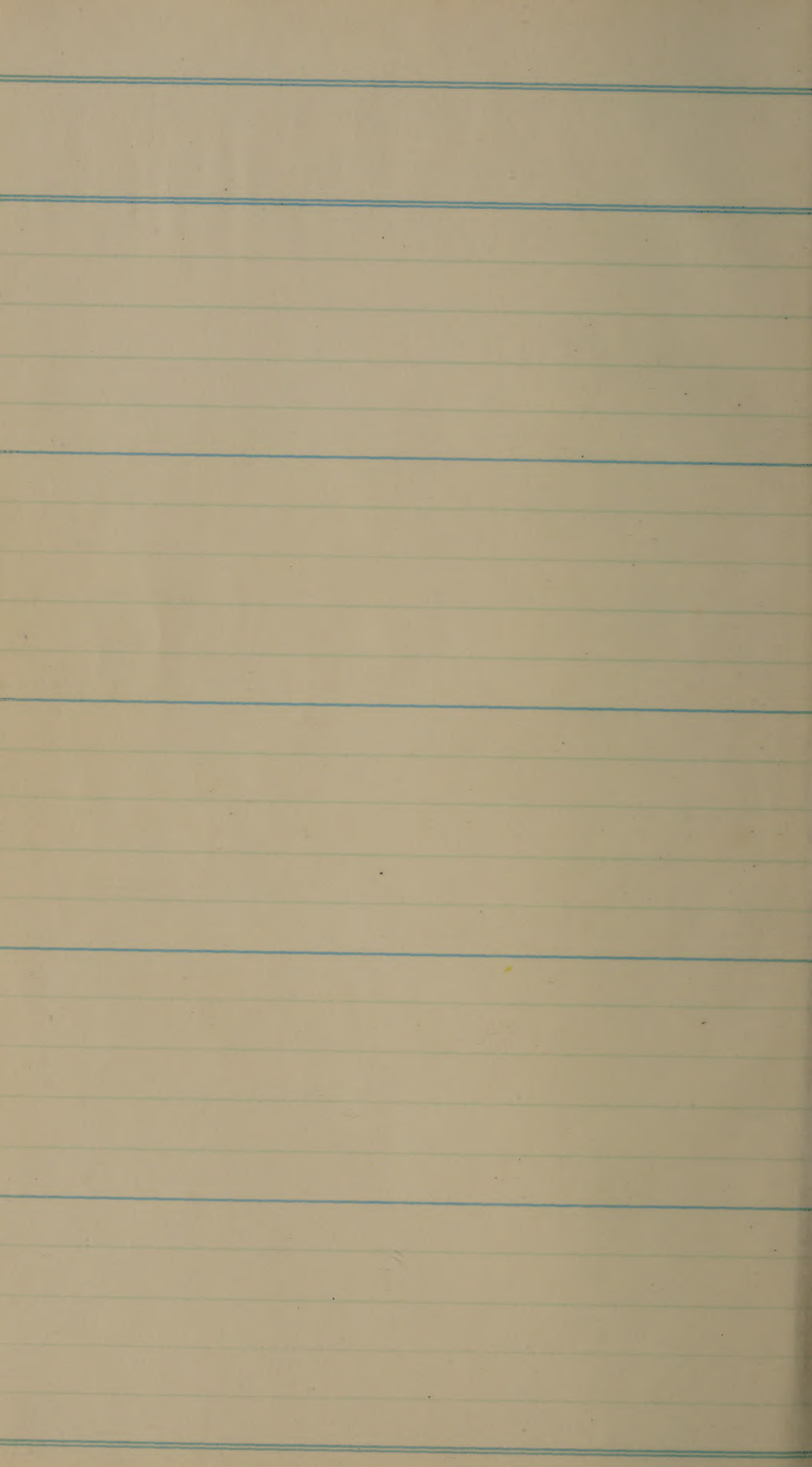
It is suggested that the following general information be recorded for each field experiment:

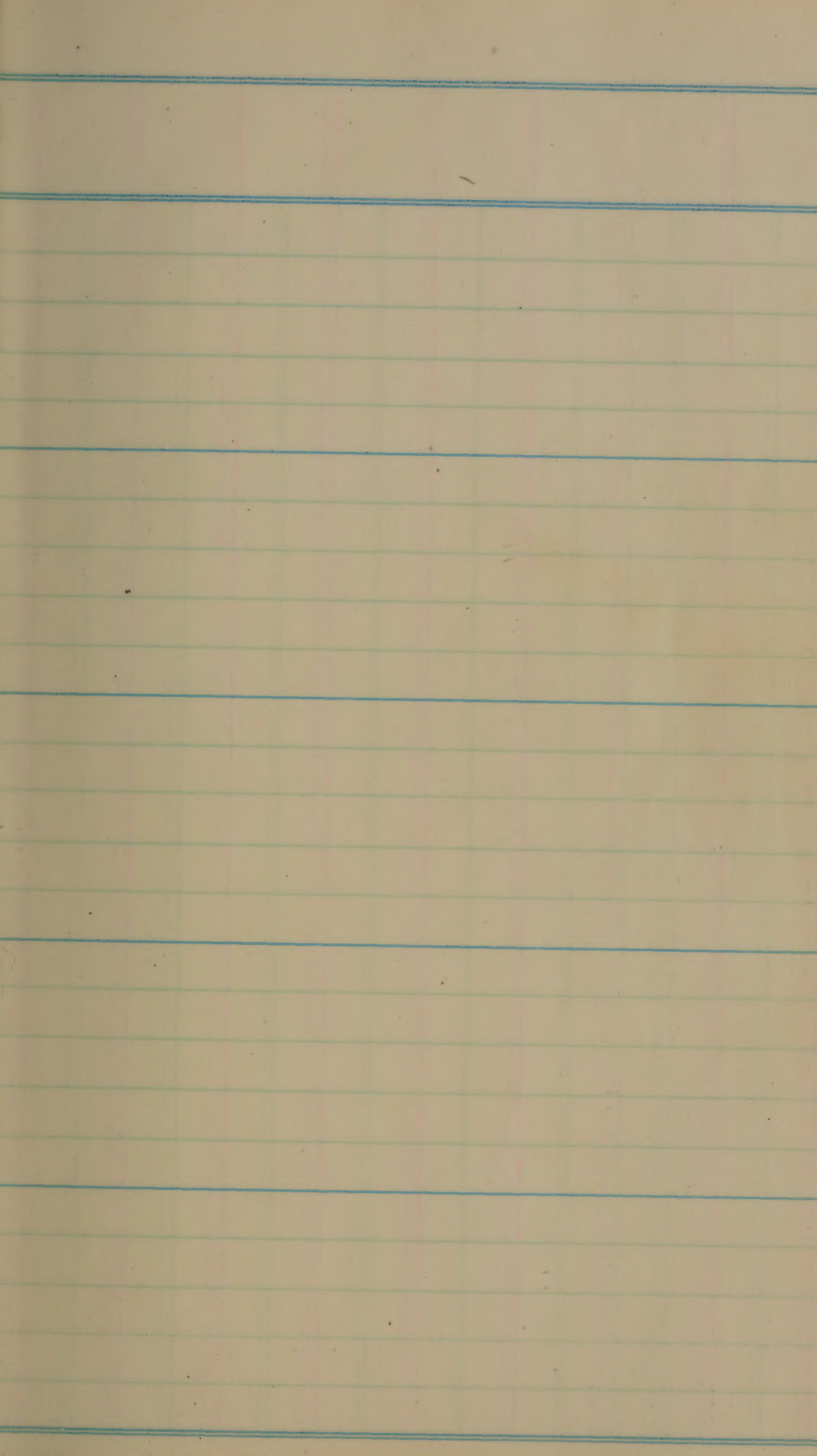
1. Name of experiment or study.
2. Soil type.
3. Previous crops and fertilizers (2 years).
4. Preparation of land: (a) Methods (b) Dates
5. Size of plot:
 - (a) Area in square feet
 - (b) Number of rows
 - (c) Length of rows
 - (d) Width of rows
6. Fertilizer:
 - (a) Pounds per acre
 - (b) Analysis (N-P-K)
 - (c) Time of application
 - (d) Method of application
 - (e) Side dressings
7. Planting: (a) Date (b) Rate (c) Method
8. Thinning: (a) Date (b) Method (c) Approximate optimum spacing attempted
9. Cultivation: (a) Implements used (b) Dates
10. Dates at which all notes and samples are taken.
11. Dates of pickings.

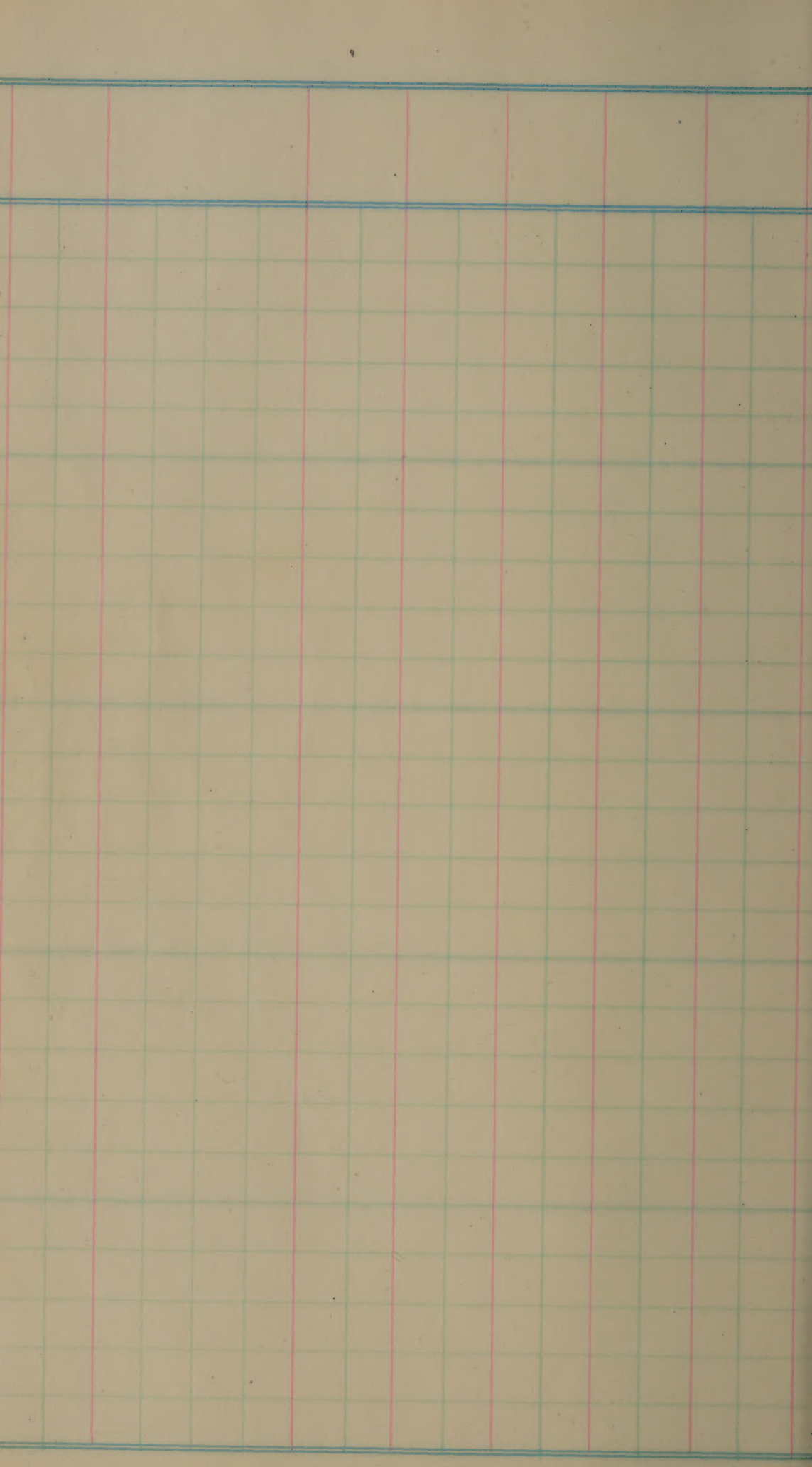
The following suggestions are made in regard to recording data:

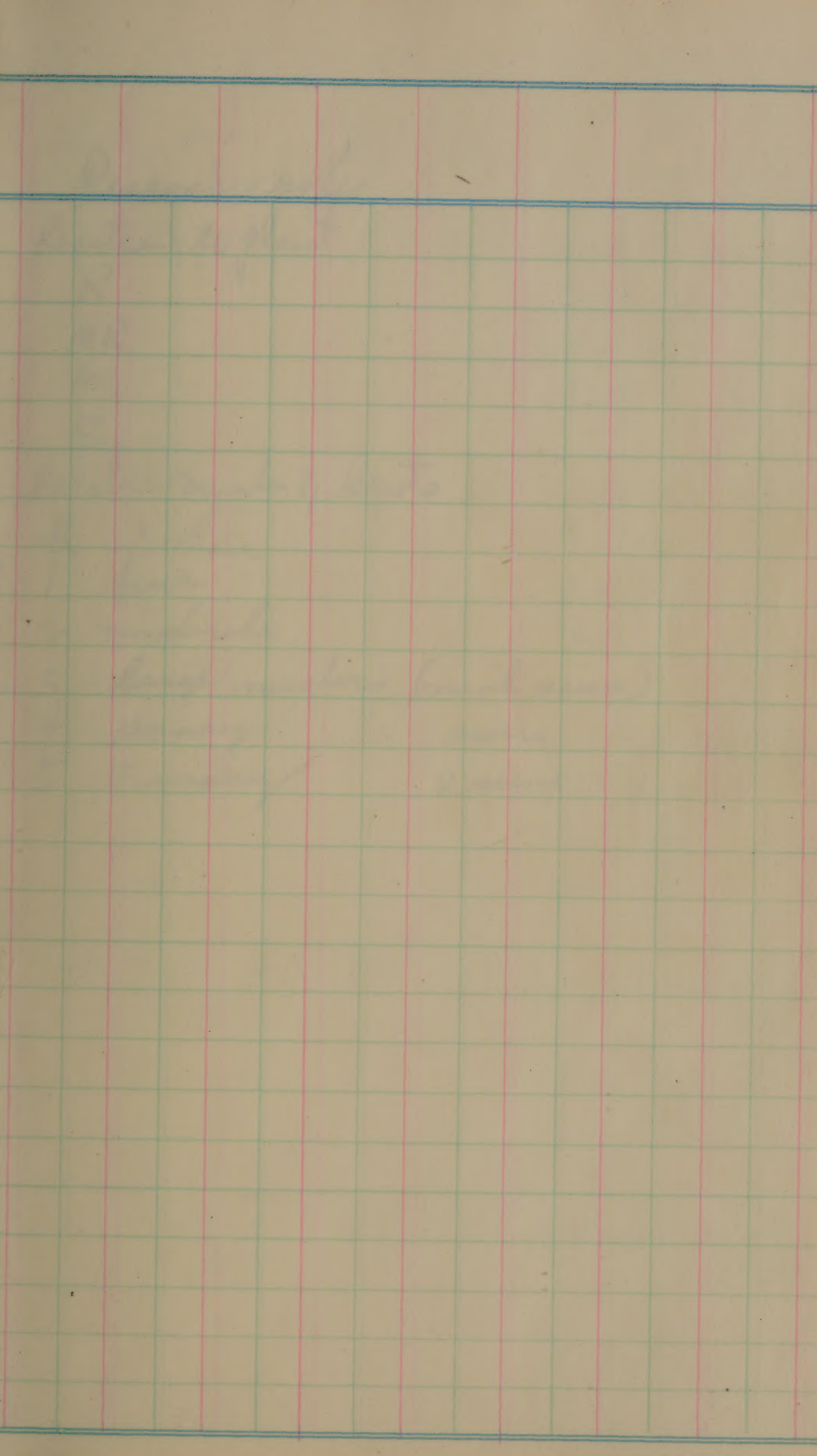
1. Record all dates as figures, giving the month and day of month, as 5/16 (May 16).
2. Record all field weights in pounds and decimal fractions of pounds. The requisite accuracy depends somewhat on the size of sample, but for ordinary size plots 0.1 pound is usually satisfactory. It is suggested that small samples be weighed more accurately (0.01 pound).
3. Estimations, such as seeding vigor, shedding, color, etc., may be recorded either numerically or with letter designations, as is found convenient; for example (seeding vigor), 1=Excellent, 2=Good, 3=Medium, 4=Fair, and 5=Poor; or E=Excellent, G=Good, M=Medium, F=Fair, and P=Poor. An explanation of legends should be recorded for each variable and experiment.
4. Diseases and insect pests.
 - (a) GENERAL.—Attack by diseases or insect pests should be recorded by suitable legends to indicate type of disease or pest, percent of plants killed or affected, and in serious attacks, estimating crop loss. For example, FW *5/35-7. (Footnote* Fusarium wilt 5 percent plants killed, 35 percent affected, 7 percent loss estimated).
 - (b) SPECIAL.—Where the book is used for taking notes on regional field tests on disease resistance, treatments, etc., it is suggested that directions which are furnished for taking uniform data be pasted, or copied, in the front of the book.
5. Diagram, to scale, the block on which each experiment is conducted, showing visible soil differences, variable plant response attributable to soil differences, drainage, or unequal irrigation, slope of land or contours, or any other features which may materially assist in interpreting the results. The square ruled paper in the front of the book may be found useful for this purpose.
6. Explain clearly all legends used.
7. Identify all experiments as to location on blocks and YEAR.

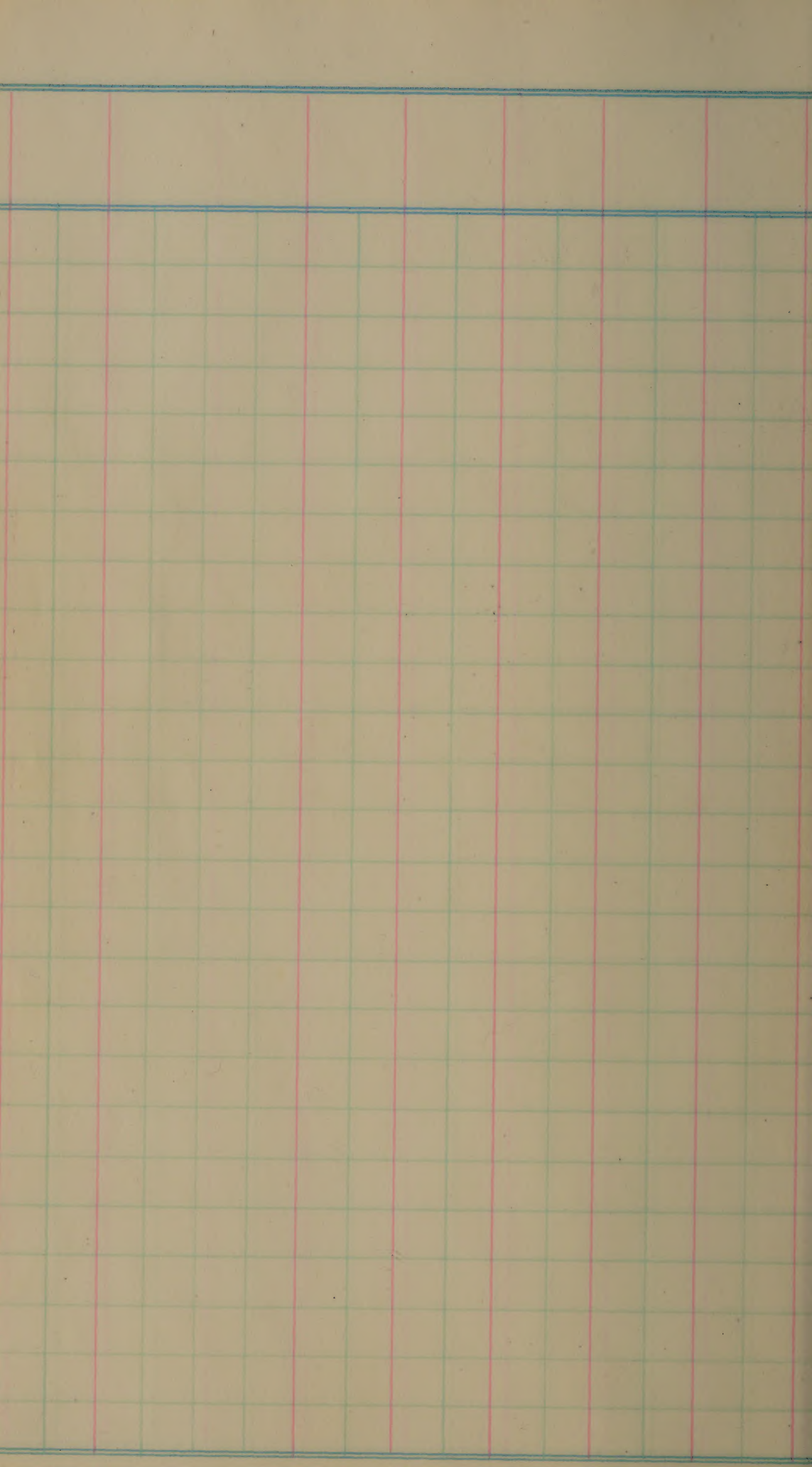
For types of experiments for which this book does not provide ample page space, larger sheets should be utilized. In taking data, which are to be reported in this book, or on larger sheets especially provided, the field or laboratory determination should be written directly at the time of weighing or otherwise determining, and submitted to Washington, or filed as the permanent record. Avoid all possible transcribing or typing of raw data.











Disease notes

Reaction to plant

R

MR

MS

S

Relative number of spots

0 = trace

1 few

2 moderate

3 large number (mod severe)

4 many severe

5 v. many v. severe

DATES		PLANT HT. (IN.)	Lulz %
HEADING	FULL		
1ST FULL	RIPE		

B4031A1-1-2-2-1-2
501 TP x R-SBR

9/19 10/10 10/30 38
(141)*

Ku 11/14 (112)

B4030A3-13
502 (R-7689) x R

10/1 11/15 38
(157)

Ku 11/14 (146)

B46-2069-5-3
503 Dew ar TP

9/30 11/14 30
(156)

Ku 11/14 147

Bluebonnet 50
504

9/18 9/29 10/22 45
(132)

Ku 10/21

Century Palra 231
505

9/3 9/16 10/10 45
(121)

Hu. 10/9

grams per plot $\times 4 =$ Lbs. per Acre.

Lbs. / A $\times .06173 =$ Bbls / A.

Diseases			Plot	Plot	Acre yield		Lodging Value 1956 → 1957
H.O.	CO	P.O.	Test not clipped (Lbs.)	wt (grams)	Lbs per Acre	Bbls per Acre	
MS-2	MS-2		41	395	1580	9.8	$\frac{19}{27} S$
					Whole	Total	
					54.0	69.7	
S-3	S-Tv		41	557	2228	13.8	$\frac{28}{29} S$
					57.5	70.3	
S-3	S-Tv		43	413	1652	10.2	$\frac{36}{36} S$
					64.8	71.8	
S-2	S-2		43	650	2600	16.0	$\frac{30}{MR}$
					69.0	73.3	
MS-S	S-1		41	751	3004	18.5	$\frac{53}{S}$
					61.4	66.5	

DATES			PLANT PLANT HT. (in)
HEADING	FULL	RIPE	
1ST	FULL		

Lody

506

Jodon Giant

9/19 10/3 10/30 57 0
(144)

Hv 11/14

5722-24

507

B 343B49-3 9/10 9/16 10/14 49 0
(125)

N x K

V. Uniform heading, erect leaves & pan
V good top grain type, rather tall

Hv 10/21

239 no C.O. good

508

B 5111A.

9/25 9/2 9/25 37 0
(106)

CP 231X

Zayas Bazon

280

Hv. 10/3

509

B 5111A1-45-4, 9/3 9/19 10/5 49 0
(116)

CP 231X

Sign bit & mat, no C.O.

Zayas Bazon

360

Hv. 10/9

B 5111A1-88-1-2

9/6 9/20 10/19 37 0
(121)

510

CP 231X

many leaf tips are dry, back 8/14
upper leaves OK 10/19. off top present

Zayas Bazon

Hv. 10/9 5453 V good for crossing back to CP 231

V narrow leaves, V short flags, short bit

Species			WT.	Lbs	Bble	2odine
Ho	Co.	PO	cup WT	Grams	per fl	'56 157
S3-4	R-0		41	466	1864	11.5
						30
						59.9 68.2
S3-4	R-0		47	1163	4652	28.7
						17 13 VS
						63.1 74.4
MS-1	MS-2		47	447	1788	11.0
						26 19 MS
						48.7 70.4
S3-4	R-0		44	604	2416	14.9
						28 25 VS
						60.6 68.1
S1-2	MS-1		38	604	2416	14.9
						28 60 S
						60.1 68.9

DATES		PLANT HT. (IN.)
HEADING	FULL	
1ST FULL	RIPE	

Lodg

B5111A1-108-1-5.

511

CP 231 X

9/8 S 9/25 10/21 44 0
Segs ht & mat (132)

Zayas BAZAN

5464

Par 10/21 Hx 10/21

B5111A1-163-1.

512

CP 231 X

9/16 9/28 10/21 44 0
(132)
Segs ht. A very good BBT type
productive, Looks like BBT 50 in
many respects,

Zayas BAZAN

359

Par 10/21 Hx 10/21

B5111A1-202-2.

513

CP 231 X

9/2 9/17 10/6 48 0
(117)

Zayas BAZAN

357

small grain, good grain shape
Hx. D/g Segs grain length, v good CP type

B5112A1-141-2.

514

Bbt X

9/19 S 10/7 11/5 49 0
(147)

Zayas BAZAN

9915

Hx 11/14

B5112A1-59-1-3

515

Bbt X

9/13 9/26 10/21 43 0
(132)

Zayas BAZAN

large purple spots, v short ht, good looking
stems, fast leaf dying

5549

Hx 10/21

Disinfectant

Ho Co Po

wt
CUP Grams
wt.

2odms
'56 '57

S-3 R-0 43 637 2548 15.7

51
23

64.1 69.6

S-2 S-1 43 646 2584 16.0

28
31

68.8 72.9

MS-1 S-2 44 913 3652 22.5

25
24

65.2 68.8

S

S-3 MS-1/2 42 508 2032 12.5

32
33

63.2 72.0

VS

S3-4 R-0 43 671 2684 16.6

25
16

55.1 69.0

MR

D A T E S			PLANT HT. (IN.)	Lodg
HEADING	FULL			
1ST FULL	RIPE			

B5/20A1-2-2-2. 9/6 S 10/27 10/30 48 0
 516 Imp. Bht x Some V good plant types, no CO
 Zayad Bagan R to Ho
 9926

B5/20A1-4-1-1. 9/10 S 10/4 10/22 36 0
 517 Imp. Bht x V short fan, no CO but around Ho
 Zayad Bagan
 5119

B5/21A-1-15-1-10. 9/8 S 9/23 10/10 48 0
 518 Blue Rose x Profuse tillering, segs mostly lit.
 Zayad Bagan no CO, watch, mark segs
 5159

B5/2A1-21-3-3. 9/21 10/4 11/5 41 0
 519 Blue Rose x many yellow leaves, V short fan.
 Zayad Bagan no CO & R to Ho
 5173

B5/23A1-2-2-1. 8/20 S 8/31 9/25 48 0
 520 Imp. Bht x segs for pl. lit. small stems
 P.I. 180, 060 9933 stem appears weak, leaves die fast
 Ho 10/3 seg. hull color as mixed

Discards

Ho	Co	PO	cut wt	wt Grams
----	----	----	-----------	-------------

MR-1	MR-Tr		42	618 2472 15.3
------	-------	--	----	---------------

~~35~~
26

52.8 698

S3-4 R-0

43 608 2432 15.0

~~44~~
28

66.6 72.0

S2-3 R-0

42 813 3252 20.1

~~33~~
20

64.0 68.9

MS-1 R-0

44 383 1532 9.5

~~30~~
32

45.8 70.4

S-2 MS-1

44 869 3476 21.5

~~36~~
19

65.3 72.0

D A T E S			PLANT HT. (IN.)	%
HEADING	FULL	RIPE		
1ST FULL				

521 B5/23A1-2-2-3, 8/2-8 9/5 10/1 (112) 45 0
 Imp. Bbt x vigorous growth, long heads, good

P.I. 180, 060 Rather wide base, tip of back fast

5201 sturdy straw, fairly short ht,

16. 10/3 Looks good agronomically for program

522 B5/23A1-3-6-3, 9/2 9/13 10/12 48 0

Imp. Bbt x short ht, NOCO also clean
 P.I. 180, 060 for HO

5211

16. 10/21

begin hull color

523 B5/23A1-7-1-2, 9/2 9/12 10/9 (120) 50 In

Imp. Bbt x NOCO & clean for HO

P.I. 180, 060

Hv. 10/9 5215

Rather tall but good straw huf, long.

524 B5/23A1-8-1-3, 9/13 9/25 10/8 (129) 52 In

Imp. Bbt x

P.I. 180, 060

5221

Hv. 10/18

525 B5/23A1-8-3-4, 9/12 9/23 10/15 (126) 56 100

Imp. Bbt x

P.I. 180, 060

5231

Hv. 10/18 v. tall

Discs				wt			
Bo	Co	PO	CUR WT	Grans			
MS-2	MS-In		38	773	3092	19.1	35 16

63.9 69.1

MS-1	R-O		41	850	3400	21.0	25 18
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64.1 71.3

S-2	R-O		44	888	3552	21.9	25 17
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64.7 70.6

MS-2	MS-In		43	766	3064	18.9	22 18
------	-------	--	----	-----	------	------	---------------------

61.7 71.9

S-3	MS-1		42	741	2964	18.3	29 17
-----	------	--	----	-----	------	------	---------------------

59.9 72.8

DATES			PLANT HT. (IN.)	Lody 96
HEADING 1ST FULL	FULL RIPE			

B5/23A1-12-3-5, 9/13 9/26 10/12 (129) 56 75
 526 Imp. Bbt x no CO, consid Ho
 P.I. 180,060

5247

Hv. 10/18 Imp plant hit

B5/23A1-12-4-2, 9/11 9/24 10/16 (127) 57 In
 527 " Delayed mat acct cool weather
 no CO

5250

Hv. 10/18 Too Tall, sl miz. hit

B5/23A1-16-1-2, 9/2 9/15 10/8 (119) 49 10
 528 " Very plot, fine very tall roques
 V. clean veg. no CO + v little Ho

5253

Hv. 10/9

B5/23A1-19-2, 9/3 9/12 10/4 (115) 44 0
 529 Imp. Bbt x good plot,
 P.I. 180,060

224

10/9

Fast drying but R to CO

B5/23A1-32-2-1, 9/11 9/22 10/21 (132) 51 100
 530 Imp. Bbt x Very plot but tall
 P.I. 180,060 R to CO but consid Ho

5323

Hv 10/21

Diaries

No Co. Po Cup Wt
Wt. Grams

MS-2 MS-TN 44 721 2884 17.8

19
23

67.3 72.2

S2-3 R-0 43 889 3556 22.0

17
15

61.7 72.8

S-1 R-0 42 983 3932 24.3

34
21

~~59.2 70.0~~

MS-3 R-0 43 1076 4304 26.6

38
24

59.2 67.9

MS-2 MS-TN TN 39 838 3352 20.7

19
15

58.5 71.2

DATES			PLANT HT. (IN.)	Lodg. %
HEADING	FULL	RIPE		

B5/23A1-33-1-4,

531

Imp. Bht x

P.I. 180,060

5336

9/13 9/26 10/18 50 0
Too tall, R to Co (129)

He 10/21

B5/23A1-37-3-3,

532

"

8/19 8/28 9/16 52 (30) 9/2
Tall, weak straw, (97) good yield

He 10/19

5363

19/9 lodged/ready 80%

B5/23A1-41-3-1,

533

"

9/11 9/25 10/23 47 0
appears to be a 12/18 x T.P.
Plot. short sturdy, R to Co
However grain resembles, 2 bkt,

He 10/21

5384

B5/23A1-36-3,

534

C.I. 9278

x T.P.

263

9/12 9/24 10/20 47 0
Fairly good plot (131)
Conrad Co.

He 10/21
cut good

B5/23A1-56-4,

535

C.I. 9278

x T.P.

265

9/10 9/23 10/16 49 0
(127)
Very short but rather heavy
1 good, Conrad Co

He 10/21
cut good

<u>Diseases</u>			CVP	Wt			
Ho	Co	PO	wt.	Grams			
MS-2	MS-In	Tn	42	740	2960	18.3	24/15
					64.0	733	

S-2	R-0		42	558	2232	13.8	26/20
					60.8	688	

MR-1	MS-1		43	869	3476	21.5	41/20
					64.8	70.6	

MS-2	S-3		44	1015	4060	25.1	24/21
					67.0	73.6	

MS-1	MS-2		42	1165	4660	28.8	26/17
					66.6	72.0	

DATES			PLANT HT. (IN.)	Lody
HEADING	FULL			
1ST FULL	RIPE			

B5233A1-70-1-2, 9/15 9/26 10/23 46 0
 536 B455A1-25 Darcy, bit fairly good straw
 x T.P. slow leaf dying (134)

4935

B5233A1-73-4-4, 9/13 9/24 10/18 46 0
 537 B455A1-25 a very long TP type plant, some
 x T.P. erect flops, v. uni bit & mat,
 4946 7 good straw, pronounced
 v little CO, slow leaf dying

B5233A1-74-1-3, 9/17 9/26 10/20 47 0
 538 B455A1-25 much like 537 but not as
 x T.P. uniform in ht. good (131)
 4950 slow leaf dying & little CO

B5233A1-74-2-2, 9/16 9/27 10/23 43 0
 539 B455A1-25 short bit but not as good as
 x T.P. 537 in other respects (134)
 4953 shorter bit than 538 but good

B5233A1-74-5-3, 9/14 9/26 10/22 42 0
 540 B455A1-25 pronounced short strawed type
 x T.P. covered CO. good (134)

4966

Diseases

Ho	Co	P.O.	cup wt.	wt Grams		
S-2	MS-1		45	1021	4084	25.2
						$\frac{23}{19}$
					66.5	71.9
MS-1	SI-2		42	1072	4288	26.5
						$\frac{26}{16}$
					65.6	71.8
MS-1	S-2		42	916	3664	22.6
						$\frac{30}{25}$
					67.3	72.7
SI-2	SI-2		43	954	3816	23.6
						$\frac{32}{25}$
					65.6	75.0
SI-2	S-2		44	924	3696	22.8
						$\frac{29}{27}$
					66.4	75.2

Lady

DATES		PLANT HT. (IN.)
HEADING	FULL	
1ST FILL	RIPE	

541 B5233A1-77-3, 9/16 9/27 10/25 48 0
 C.I. 9278 (136)
 not as good as any plots
 x T.P.

1 full 14 270

542 B5233A1-89-6, 9/12 9/20 10/14 48 0
 C.I. 9278 (125)
 v long, yield, large mat.
 adv. Some CO. Lower leaves die
 rather fast.
 x T.P.

all ground
 10/21
 + 20

543 B5233A1-96-1-1, 9/13 9/25 10/22 43 0
 13455A1-25- (133)
 Rather filled drying
 some CO, good plot
 x T.P.

all ground
 10/21
 + 20 5028

544 B5233A1-99-2, 9/12 9/25 10/19 48 0
 C.I. 9278 (130)
 sl. wing. ht. Consider CO
 Rather fast leaf drying but
 an excellent plot (Hug)
 x T.P.

all ground
 10/21
 + 20 274

545 B5233A1-101-1-3, 9/11 9/22 10/18 45 0
 13455A1-25- (129)
 uni. ht. v good plot.
 little CO
 x T.P.

all ground
 10/21
 + 20 5044

slow leaf drying, one of very best

Diseases

No	Co	PO	dup wt.	wt grams			
S-2	SI-2		43	609	2436	15.0	21 28
					66.4	72.9	R

Iodine prob too high

S-2	S2-3		42	1093	4372	27.0	34 24
					64.8	71.3	R

S-3	MS-1		44	903	3612	22.8	30 19
					67.2	72.1	

S2-3	SI-2		43	877	3508	21.7	21 21
					66.4	72.1	R

S-2	S-1		42	973	3892	24.0	23 17
					63.8	71.2	

Tri F. plots
546

DATES			PLANT HT. (IN.)
HEADING 1ST FULL	FULL RIPE		

Lodg

B5335A1-2-4, 9/8 5 9/22 10/17 49 0
BL-50x a very heavy plot, R to HO & CO.
HO 341 V few sedge (good competitor?)

He 10/21

2011

Tri F. plots
547

B5331A1-9-2, 9/10 9/22 10/19 (130) 0
BL-50x consd CO., V short flags
HO-10 Rotten tail

He 10/21

2218

all flags drop, V poor stand but for sedge

548

B5331A2-8-3, 9/13 9/24 10/18 48 0
Some CO but not good, R to HO
Bad for sedge only, fair stand

2235

Thin stand, consd sedge
all flags drop

549

B5331A2-13-1, 9/7 9/25 10/14 49 0
Sedge & V mat. R to HO
(125)

He 10/21

2254

Some CO. Thin stand bad for sedge

550

B5331A2-19-10, 9/4 9/14 10/9 45 0
V fast dry down, consd. C.D.
R to HO
(120)

He 10/9

2276

sedge in field

<u>Distance</u>			cup.				
No	Co	PO.	wt.	wt	grams		
MR-1	MS-1		43	762	3048	18.8	29
					62.4	72.6	
MR-1	MS-1		45	604	2416	14.9	16
					65.5	75.4	
MR-1	MS-1		43	681	2724	16.8	19
					67.1	73.6	
MR-1 ₂	MS-1		44	611	2444	15.1	24
					54.6	71.4	
MR-1	MS-1		43	786	3144	19.4	28
					62.2	71.2	

Tri F. plots
551
cut ground

DATES		PLANT HT. (IN.)
HEADING	FULL	
1ST FULL	RIPE	

B5331A4-11-11.

9/3 9/12 10/9 46

cut gill
10/21

Highly R to H₀, no CO

Poor yield caused by heavy sedge

2409

sedge infest, V good B&T by 1/2

1 lb 10/4

V slow leaf drying

B5335A5-70.

9/7 9/15 10/11 48

(125)

say 1/4, V little CO, covered H₀
resistance drought, sgr.

2623

sedge infest

B545A1-14

9/5 9/13 10/14 48

(125)

V fast leaf drying, covered C.O

CP231X

CP-H012

2968

A very good plot, very yield, dry ht. (sgr?)

B548A2-40

9/10 9/23 10/12 43

(133)

V good, sturdy straw, clear for H₀

short lit, no CO, V promising, slow

leaf drying, deep hull color, due to very heat.

3409

1 lb 10/21 + g/d

B5430A1-9

9/12 9/23 10/14 51

(130)

B6t 50

X B6t-H010

3584

T. root all, V. little CO but covered
by very plot.

1 lb 10/21

Diaries

Do	Co	PO	CUP WT.	WT Grams
----	----	----	------------	-------------

R-TN	MR-TN		44	567	2268	14.0
------	-------	--	----	-----	------	------

30

65.8 72.0

MR-TN	MS-1		43	723	2892	17.5
-------	------	--	----	-----	------	------

30

64.7 73.0

MS-1	ST-2		40	741	2964	18.3
------	------	--	----	-----	------	------

60

61.2 69.8

MS-1	MS-1		43	926	3704	22.9
------	------	--	----	-----	------	------

48

67.9 71.4

MS-2	S-1		43	845	3380	20.9
------	-----	--	----	-----	------	------

29

65.1 72.7

557 to 564 badly infested with sedges
 547 to 552 " " " "

DATES		PLANT HT. (IN.)
HEADING	FULL	
1ST FULL	RIPE	

Lody

5129, B508A2-100-32, 9/7 9/20 10/14 (125) 47 0
 556 Bb+x HD 10 V good plot. R to Co, clear for Ho.

cut grass
 K 10/21 + gd 3971

B507A1-291-4, 9/17 10/1 10/23 46 (134) 0
 557 Bb+x HD 12 Concord Co. only fair

K 10/21 275

B507A1-58-71, 9/17 9/26 10/22 47 (133) 0
 558 Bb+x HD 12 Concord Co. only fair

K 10/21 276

B505A1-38-2-2 9/7 9/17 10/13 48 (124) 0
 559 CP 231x V little Co. sedges
 HD 12
 228

10/9
 B5333A29-6 9/12 9/12 10/2 45 (113) 0
 560 CP 231x Thin stand
 HD 341
 2163
 K 10/9 V badly infested with sedges

<u>Diseases</u>			cup	wt			
Ho	co	po	wt.	Grom			
MS-1-2	R-0		4.3	826	3304	20.4	
							$\frac{21}{R}$
					56.6	71.3	
MR-1	MR-1		4.4	539	2156	13.3	
							$\frac{27}{34}$
					66.4	71.0	R
MR-1	MS-2		4.3	567	2268	14.0	
							$\frac{30}{31}$
					68.2	73.0	R
MS-1	MS-1		4.4	782	3128	19.3	
							$\frac{33}{17}$
					62.0	71.8	
MR-1n	S-2		4.1	525	2100	13.0	
							$\frac{26}{R}$
					50.4	69.4	

Lody

DATES		PLANT HT. (IN.)
HEADING 1ST FULL	FULL RIPE	

4849, B505A1-17-1-1, 9/5 9/16 10/8 39
561 CP 231 x Thin stand v broad edge
HO 12

3833

4849, B505A1-17-1-1, 9/6 9/19 10/8 40
562 CP 231 x Thin stand v broad edge
HO 12

3838

4850 B505A1-17-1-2, 9/6 9/18 10/10 41
563 CP 231 x Thin stand v broad edge
HO 12

3848

4938 B505A1-38-7-4, 9/11 9/18 10/14 47
564 CP 231 x v good plot, consid CO, clean for HO
HO 12

3883

4951 B505A1-66-1-1, 8/29 9/10 9/30 44
565 CP 231 x short lot, about like CP 231 for CO
HO 12 v narrow leaves, short lot

3911

Diseases

Ho	Co	P.O.	Cup wt.	Wt Gram	
MR-1	MS-2				$\frac{25}{2}$
MR-1	S-1				$\frac{22}{1}$
MS-1	MS-1				$\frac{25}{1}$
MR-1	MS-1	43	791	3164 19.5	$\frac{25}{21}$
				63.9 72.1	
MR-1	S-2	43	751	3004 18.5	$\frac{23}{1}$
				57.8 72.0	

DATES		PLANT HT. (in.)
HEADING 1ST FULL	FULL RIPE	

Lodg

4952 B505A1-66-1-2, 9/5 9/15 10/18 48 0
 566 CP 231 x Conard Co, Rother hill best good
 HD 12 plot.

Hw 10/21 3926

4983 B506A1-33-3, 9/2 9/11 10/9 48 0
 567 CP 231 x (120)
 HD 12

Hw 10/9 3929

568 B5231A2-9-2, 9/20 10/1 10/30 48 0
 Bb+ 50 x (141)
 C.I. 9278

Hw 11/14 250

569 B5231A2-37-2, 9/13 9/25 10/30 45 0
 Bb+ 50 x v. long plot (141)
 C.I. 9278

Hw 11/14 255

570 B5232A1-2-3, 9/15 9/25 10/22 45 0
 B455A1-25 v. long plot some CO, white, (133)
 x CP 231 sturdy straw

Hw 10/21 765 1/2

Diseases

Ho	Co	P.O	cup wt.	wt. Gram			
MS-1	S-2	Tn	43	1046	4184	25.8	27

67.1 72.8

MS-1	MS-1		42	984	3936	24.3	30
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61.9 68.8

MS-2	S-2		42	760	3040	18.8	28
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57.7 72.8 R

S1-2	S2-3		43	1070	4280	26.4	30
------	------	--	----	------	------	------	----

64.9 73.8 S

MS-2	S2-3		42	1110	4440	27.4	28
------	------	--	----	------	------	------	----

60.1 68.7 S

DATES		PLANT HT. (IN.)
HEADING	FULL	
1ST FULL	RIPE	

571 B5232A1-3-2. 9/17 9/26 10/26 43 0
 CD 9278 (137)
 B455A1-25 BB 50 type, ripe after 10/23
 x CP 231
 767/4

572 B5232A1-10-1. 9/5 9/16 10/9 38 0
 B455A1-25 Fast leaf dying (120)
 x CP 231 consid co
 10/9 769/5 good grain yield for location
 short life, straw hulls Pan rather short

573 B5232A1-10-1. 9/6 9/17 10/1 38 0
 B455A1-25 many yellowish leaves 9/10 (123)
 x CP 231 consid sedge present
 770/2 fast leaf dying ++ on CO
 7/10/17

574 B507A1-58-7-1. 9/18 10/1 10/21 38 0
 B6t x HD 12 many yellow leaves 8/14 (132)
 R to CO
 10/21 806/5 ing. lt.

575 B5231A2-30-1. 9/14 9/23 10/22 35 0
 B6t 50 x short reg 9/10, discolored leaves. (13)
 B455A1-25 brown too thick, poor 9/24
 10/21 796/4

<u>Disease</u>			cup	wt		
Ho	Co	PO	wt.	Grom		
S1-2	S2-3		43	785	3128	19.3
				62.6	71.3	$\frac{24}{16}$
						R or Seep
S-2	S-3		45	773	3092	19.1
				63.2	70.4	$\frac{28}{16}$
S-2	S-2		44	608	2432	15.0
				55.0	70.0	$\frac{39}{13}$
S-2	MS1-2		43	413	1652	10.2
				64.9	71.2	$\frac{37}{26}$
S-2	MS-2		44	729	2916	18.0
				66.9	72.8	$\frac{29}{23}$

DATES			PLANT HT. (IN.)	Lodg
HEADING	FULL			
1ST FULL	RIPE			

576 B5223A3-8-1. 9/14 9/24 10/10 41 0
 C.I. 9/22 same leaf discoloration
 x B6t 50 Less leaf dying than 577 (Very noticeable)
 Both have CO, V good B6t type
 Less CO than 577
 16in 10/21 244

577 B5223A5-17-1. 9/12 9/23 10/18 42 0
 C.I. 9/22 leaves dying faster than 576
 x B6t 50 + m CO
 16in 10/21 247

578 B4515A1-21. 9/16 9/24 10/20 44 0
 H:11 Sol (131)
 x RN
 16in 10/21 97

579 H:11 Patna 9/19 10/2 10/22 48 0
 C.I. 9052 (133)
 V tall, leaves drop. (flag + second leaf from top)
 R to CO
 16in 10/21 108

580 B4031A1-1-1. 9/8 9/18 10/21 42 0
 TPxR-SBR (132)
 16in 10/21 113

Dispersal

Ho Co Po CVP wt
wt. Gram

S-2 S-2 45 694 2776 17.1

$\frac{28}{17}$

69.6 73.6

R

S-2 S2-3 44 713 2852 17.6

$\frac{27}{20}$

65.9 72.9

R

S-2 MS-1 45 668 2672 16.5

$\frac{29}{22}$

71.4 73.6

VS

S-2 S-2 42 528 2112 13.0

$\frac{24}{21}$

58.4 67.4

VS

MS1-2 S-2 40 656 2624 16.2

$\frac{86}{59}$

63.5 69.7

S

DATES			PLANT HT. (IN.)	Lody
HEADING	FULL			
1ST FULL	RIPE			

B51-4322-11 9/19 10/3 10/21 44 0
 581 B6t50 Sel body dam by birds (132)
 R to CO, erect flag, gold hulls,
 No 10/21 127 short poorly filled pan.

B502A2-1-1 9/10 9/20 10/18 47 0
 582 B6t x CP231 poor stand, birds not dying
 V. good B6t type
 No 10/21 86 5/3

B502A2-1-2-2, 9/10 9/24 10/18 49 0
 583 B6t x CP231 poor stand, dam by birds (129)
 No 10/17 282

B502A2-7-1, 9/8 9/17 10/14 48 0
 584 B6t x CP231 Bird damage, V. birds not dying (125)
 283

760. 10/17
 B502A2-7-2, 9/18 9/30 10/22 49 0
 585 B6t x CP231 prod. some CO, good stand (133)
 but tall
 No 10/21 85 6/2

<u>Diseases</u>			cup	wt		
Ho	Co	po	wt.	Gram		
MS-1	MS-1		42	808	3232	20.0
					56.4	66.4
						$\frac{17}{23}$ R
MS-2	S-3		43	781	3124	19.3
					56.8	70.6
						$\frac{25}{18}$
S-1	S2-3		43	746	2984	18.4
					58.5	69.7
						$\frac{22}{19}$ R
MS-1	S2-3		42	1079	4316	26.6
					54.3	66.1
						$\frac{33}{28}$ MR
SI-2	SI-2		44	728	2912	18.0
					68.5	72.5
						$\frac{20}{20}$ MR

Lady

HEADING	DATES		PLANT HT. (IN.)	
	1st	F		
			RIPE	

586 B502A2-7-3,
Bbt x CP231

9/11 9/21 10/15 48
(126)

0

285

Hu. 10/17 Too tall, v little CO

587 B502A2-7-7-2,
Bbt x CP231

9/14 9/25 10/22 43
(133)

0

flower leaf dying, than 588+
shorter lat. v. good.

83 1/2

v little CO but, bud for 10,

588 B502A2-7-8-2,
Bbt x CP231

9/13 9/23 10/16 44
(127)

0

fast leaf dying

Hu 1 1/2

287

589 B502A2-8-2,
Bbt x CP231

9/18 9/28 10/23 42
(134)

0

Small and CO, v good,
much like 587

Hu 1 1/2

289

590 B502A2-8-2
Bbt x CP231

9/17 9/28 10/23 42
(134)

0

Like 589

Hu 1 1/2

290

Diseases

Ho	CO	PO	cup wt	wt. Gram		
S-2	S-3		44	823	3292	20.3
						20
						14
					60.0	72.7
						MR
S3-4	S-1		43	805	3220	19.9
				1003	800 d	
						24
						15
					61.5	69.9
						MR
S-2	S-2		44	839	3356	20.7
						34
						21
					653	71.8
						R
S-2	S1-2		41	522	2088	12.9
						27
						24
					54.2	66.5
						R
S-2	S-2		41	624	2496	15.4
						26
						23
					55.2	66.5
						R

DATES			PLANT HT. (IN.)	Lodg
HEADING	FULL			
1ST FULL	RIPE			

591 B502A2-12-7-1. 9/1 9/11 10/3 43 0
Bbt x CP231 V fast heading 5 to 60 (114)

He 10/9 84 2/3 Panicles are short, V good grain type

592 B5112A1-49-2. 9/6 S 9/18 10/20 47 0
Bbt x Great flooper short pan poor yield (131)
Zayas Bazar slow heading

He 10/21 356 Sep. ht + mat. No CO. trans. lines

593 B502A2-19-9-2. 9/14 9/25 10/22 43 0
Bbt x CP231 Some CO, (133)

He 10/21 84 5/3 Sep. ht.

594 B502A2-32-6-2. 9/4 9/14 10/9 48 0
Bbt x CP231 Too tall (120)

He 10/9 810/5

595 B502A2-60-1-2. 9/12 9/20 10/10 47 0
Bbt x CP231 Showing white tip 9/10 (later more (132)
rice heading than 596, 9/16) also shorter ht.

He 10/21 813/4 Less deep dying than 596 + shorter ht.

Diseases

Ho	Co	po	cup wt.	WT Gram			
MS-2	S-2	Tn	43	764	3056	18.9	$\frac{-}{20}$
					61.8	68.6	R
MS-2	R-0		39	762	3048	18.8	$\frac{29}{18}$
					52.1	68.0	
S-2	S-1		43	777	3108	19.2	$\frac{32}{22}$
					62.3	71.9	Prob. R
S-2	S-2		43	925	3700	22.8	$\frac{33}{19}$
					61.6	68.9	
S-2	S1-2		43	1021	4084	25.2	$\frac{34}{19}$
					66.6	72.4	R

DATES			PLANT HT. (IN.)	Lodg
HEADING	FULL			
1ST FULL	RIPE			

596 B502A2-60-1-3 9/10 9/18 10/14 49 0
 B6t x CP231 v. uniform heading (125)
 Bad for CO + many first leaf dying

814/4
 Hu. 10/17
 597 B502A2-84-9-2, 9/12 9/22 10/18 51 0
 B6t x CP231 Trace CO, leaves ab. on 10/21 (129)

16u 10/21 299
 Rather tall but v good plot; flag deep
 598 B502A2-96-1-1, 9/18 10/2 10/15 53 0
 B6t x CP231 (126)

815/6
 Hu. 10/17
 599 B502A2-96-3, 9/9 9/17 10/15 48 0
 B6t x CP231 (126)

301
 Hu. 10/17 drooping panicles, v few pan branches at base
 600 B502A2-98-1-2, 9/16 9/25 10/21 43 0
 B6t x CP231 no CO + green leaves (132)
 Fairly good for Hu
 16u 10/21 816/4

Diseases

Ho	Co	Po	ovp wt	wt	Gram	
MS-2	S-2		43	1115	4460	27.5
						$\frac{45}{20}$
					66.2	72.1 R
MS-1	MS-1		43	1001	4004	24.7
						$\frac{27}{20}$
					64.2	70.4 R
S-2	S-2		44	898	3592	22.2
						$\frac{46}{23}$
					64.2	70.5 R
S-2	SI-2		40	969	3876	23.9
						$\frac{41}{21}$
					46.7	68.2 R
This should result in fewer immature ovis, but Pan more apt to break						
S-3	S-12		43	804	3216	19.9
						$\frac{35}{20}$
					68.3	71.8

DATES		PLANT HT. (IN.)
HEADING	FULL	
1ST FULL	RIPE	

Lody

B502A2-98-1-3, 9/10 9/18 10/18 43 0

601 Bbt x CP231 about 2-3 days earlier than 600 (129)

16 1/2 817/4

B502A2-113-B3 9/8 9/15 10/12 49 0

602 B55-5665, Bbt x CP231 v. uniform heading, Conced CO
C.I. internode leaf dying. (123)

H. 10/17 (Inc. Plot) a very heavy plot.

#602 & 607 are earlier than other A2-113 seeds

B502A2-98-3, 9/16 9/27 10/20 41 0

603 Bbt x CP231 showing white tip about 1/2 h.c.o. (131)

16 1/2 859/3

B502A2-113-3-1, 9/14 9/23 10/20 47 0

604 Bbt x CP231 Conced CO, green, rather tall (131)

16 1/2 822/5

B502A2-113-3-2, 9/14 9/24 10/20 48 0

605 Bbt x CP231 (131)

16 1/2 820/2

<u>Diseases</u>			cup	wt.		
Ho	co	po	wt.	Gram		
S-2	S-1		42	893	3572	22.0
				947	gd	$\frac{39}{21}$
					62.7	70.7
S-2	S-2		43	1027	4108	25.4
				1577	gd	$\frac{20}{R}$
					58.8	70.6
S-2	S1-2		43	615	2460	15.2
						$\frac{38}{21}$
					64.4	71.2
S-2	S1-2		44	776	3104	19.2
						$\frac{26}{21}$
					65.7	72.2
S-2-3	MS-1		44	864	3456	21.3
						$\frac{25}{14}$
					67.4	72.5
						R

DATES			PLANT HT. (IN.)	Lodg
HEADING	FULL			
1ST FULL	RIPE			

606 B502A2-113-3-3, 9/14 9/22 10/20 49 0
B6t x CP231 (131)

Hv 10/21 82 1/1

607 B502A2-113-8-3, 9/8 9/15 10/12 50 0
B6t x CP231 v. uniform heading but sl. irreg. ht. (123)

cut ground
Hv 10/17 86 0/5
not as uniform as #602, a very long plot

608 B502A2-113-9-2, 9/9 9/19 10/17 49 0
B6t x CP231 irreg. ht. + heading, concealed leaf dyg 10/24 (128)

Hv 10/21 315

609 B502A2-113-9-3, 9/9 9/19 10/20 50 0
B6t x CP231 irreg. ht. + heading (131)

Hv 10/21 317

610 B502A2-154, 9/7 9/17 10/20 52 50
B6t x CP231 irreg. ht. + heading (131) 10/24

Hv 10/21 323

<u>Discrepancy</u>			cup wt				
Ho	Co	PO	wt.	Gram			
S-2	S1-2		44	964	3856	23.8	$\frac{24}{17}$
					67.2	72.6	R
S-2	S-2		42	1100	4400	27.2	$\frac{29}{20}$
				1512	gd		R
					57.0	68.7	
S-2	S-2	Tr	42	910	3640	22.5	$\frac{23}{17}$
					56.2	68.2	R
MS-2	MS-1		41	1035	4140	25.6	$\frac{24}{18}$
					58.2	68.0	R
MS-2	S-1		42	971	3884	24.0	$\frac{28}{19}$
					54.6	68.3	MR

613-617 badly infected with sedges
 627-631 " " " "

DATES			PLANT HT. (IN.)
HEADING	FULL		
1st FULL	RIPE		

Lodge

B502A2-154-8-2, 9/8 9/18 10/20 52 100
 611 Bbt x CP231 weaker straw than others (131) 10/21

16u 10/21

324

Bird damage in center of plot

B502A2-156-9-1, 9/13 9/25 10/20 47 0
 612 Bbt x CP231 Tail roques present (mixture) (131)
 Too much sterility

16u 10/21

85 1/2

B502A3-52-1-1, 9/17 9/26 10/21 46 0
 613 Bbt x CP231 v. bad sedge infect. (132) no CO

16u 10/21

328

R to Ho, Is as Bbt v Ho (probably)

B502A3-63-2-1, 9/12 9/23 10/17 41 0
 614 Bbt x CP231 v. bad sedge infect. (128)

16u 10/21

83 1/2

v short bit S to Cg good.

B502A3-63-3-1, 9/11 9/23 10/17 40 0
 615 Bbt x CP231 v. bad sedge infect. (128)

16u 10/21

329

short bit, good, like 614

Diseases

Ho	Co	po	cup	wt	wt. Gram
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MS-1	S-1	Tr	41	911	3644 22.5
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$$\frac{28}{21}$$

Segr

55.5 67.2

S-3	S-2		42	675	2700 16.7
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$$\frac{24}{16}$$

R

63.8 70.8

S-1	R-0		44	436	1744 10.8
-----	-----	--	----	-----	-----------

$$\frac{32}{22}$$

R

67.1 73.7

S-3	S-1		41	722	2888 17.8
-----	-----	--	----	-----	-----------

$$\frac{39}{21}$$

55.8 69.6

S-2	S-1		43	443	1772 10.9
-----	-----	--	----	-----	-----------

$$\frac{37}{20}$$

R

61.2 71.0

DATES		PLANT HT. (IN.)
HEADING	FULL	
1ST FULL	RIPE	

Lodg

616 B502A3-89 9/3 9/13 10/6 (117) 49 0
B6t x CP231 slow leaf drying, but has CO

He 10/9 9145 quite tall & hoy.
617 B502A3-100. 9/8 9/19 10/7 (118) 39 0
B6t x CP231 very bad sedge infect. V. short lit, uns.
Prob. notes reg. vegetatively as ady plants
but watch acct short lit & richness
no CO.

618 B502A3-106. 9/6 9/16 10/6 (117) 44 0
B6t x CP231 sl. earlier than CP231 short lit good
no CO on 10/9 consid on 10/21 good

9217
He 10/9
619 B502A3-106. 9/11 9/21 10/16 (127) 44 0
B6t x CP231 consid CO, on 10/21 good.

9224
He 10/17
620 B502A3-139-7-2. 9/2 9/11 10/6 (115) 48 0
B6t x CP231 gold hulls, earlier than CP231
a very good Red grain type
He 10/9 322 v little C.O.

D iseses

Ho	Co	po	cup wt.	wt. Gram
MS-1	S-2		44	839 3356 20.7

$\frac{19}{18}$

S-2	MS-1		44	574 2296 14.2
-----	------	--	----	---------------

$\frac{18}{20}$

S-1	S-1		43	865 3460 21.4
-----	-----	--	----	---------------

$\frac{24}{19}$

S-2	S1-2		44	818 3272 20.2
-----	------	--	----	---------------

$\frac{25}{23}$

S2-3	MS-1		42	930 3720 23.0
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$\frac{44}{21}$

MR

61.4 67.5

DATES			PLANT HT. (IN.)	Lodey
HEADING	FULL			
1ST FULL	RIPE			

B4512A1-106-1-3-4. 9/12 9/23 10/20 44 0
 621 H:11 Sol x v good; v little; slow leaf
 Bbt dying

16u 10/21 333

B5423A1-62. 9/16 9/25 10/22 43 0
 622 Bbt 50 x (133)

B502A2-113-1
 16u 10/21 7731

B55-8351. 9/17 9/29 10/22 46 0
 623 Bbt 50 Sol Erect pan. much shrubby
 some CO

16u 10/21 334

X-15-4-3-4. 9/16 9/27 10/22 49 0
 624 Bbt 50 Sol dark green 9/16, interned. ltr
 segs ltr

16u 10/21 335

X-168-2-2. 9/14 9/25 10/22 36 0
 625 Bbt 50 Sol rather light green 9/16 shorter ltr than
 624

16u 10/21 340

Dresses

No	Co	PO	cup wt.	wt Gram		
MS-2	S-2		44	694	2776	17.1
						31 27 MR
					67.3	73.5
S2-3	S-1		43	615	2460	15.2
						39 32
					65.7	70.8
S-3	S1-2		45	562	2248	13.9
						39 36 MR
					66.6	71.9
S-2	S-2		43	684	2736	16.9
						30 29
					67.0	73.6
S2-3	S-2		42	697	2788	17.2
						32 24
					68.0	75.0

DATES			PLANT HT. (IN.)	Lody
HEADING	FULL			
1ST	FULL	RIPE		

X-225-X-231 9/12 9/21 10/19 46 0
 626 Bbt 50 Sc1 1 good, King Bbt type
 S. to Co. (130)

only 1/2
 and 1/2 10/21 345

X-261-X-268 9/23 10/2 10/26 45 0
 627 Bbt 50 Sc1. (137)

346

X-150-2-4, 9/18 9/30 10/21 48 0
 628 Bbt 50 Sc1 badly infested with sedges
 Beards longer than Bbt 50 more
 stinkety (132)
 the 10/21 351

X-150-2-4, 9/23 10/4 10/26 41 0
 629 Bbt 50 Sc1 badly infested with sedges (137)

889/2

Bluebonnet 50 9/16 9/28 10/20 46 0
 630 some sedges (131)

the 10/21

Releases

HO	CO	PO	cup wt	wt Gram			
S-3	S-2-3		42	1048	4192	25.9	$\frac{23}{25}$
					64.2	70.9	
S-2	S-2		42	423	1692	10.4	$\frac{30}{30}$
					68.1	72.9	
MS-2	S-1		42	531	2124	13.1	$\frac{32}{31}$
					68.1	72.8	
S-2	S-1		44	401	1604	9.9	$\frac{24}{30}$
					69.2	72.5	
S-2	S-1		43	647	2588	16.0	$\frac{25}{25}$
					67.9	73.6	

Lody

DATES		PLANT HT. (IN.)
HEADING	FULL	
1ST FULL	RIPE	

B55-8351-2, 9/20 9/30 10/3 44 0
 631 Bbt 50 Sol. some sedges
 many semistrukt panicles, Pan
 16 10/21 5754 semi erect

B502A2-113-^{B3} 9/6 9/15 10/9 48 0
 632 Bbt x CP231 v. uniform ht + mat. looks
 better than 607

860/4
 16 10/17
 B55-8361-1. 9/16 9/26 10/19 49 0
 633 Bbt 50 Sol. (130)

16 10/21 5763

B54-6818, 9/10 9/21 10/19 52 in
 634 Jitterbug Ineg. lit., Too tall, weak str.
 Poor looking Bbt. Dry plot

16 10/21 354

B455A1-25-4-6 9/11 9/21 10/18 47 0
 635 Bbt x (129)

(TP x R-SBR)

16 10/21 10,006
 Semi + erect flops. Too leafy

Diseases

Ho	Co	PO	cup wt	wt	Gram
----	----	----	-----------	----	------

S-2	SI-2		45	369	1476 9.1
-----	------	--	----	-----	----------

$$\frac{44}{33}$$

68.0 71.1

SI-2	S-1		43	971	3884 24.0
------	-----	--	----	-----	-----------

1207 g

$$\frac{20}{20}$$

63.1 70.6

SI-2	S-2		43	818	3272 20.2
------	-----	--	----	-----	-----------

$$\frac{33}{26}$$

69.7 73.8

SI-2	SI-2		43	1034	4136 25.5
------	------	--	----	------	-----------

$$\frac{33}{23}$$

66.4 72.9

S-2	S-1		42	1250	5000 30.9
-----	-----	--	----	------	-----------

$$\frac{22}{18}$$

64.0 72.5

DATES		PLANT HT. (IN.)	Lodge
HEADING	FULL		
1ST FULL	RIPE		

Century Patna 231 9/2 9/12 10/6 (117) 47 0
 636 Considered 10/3 on 10/14

~~He 10/14~~

B54-6808-2. 9/3 9/12 10/5 42 10
 637 Gilmore R to CO (116)

Jitterbug

~~He 10/9~~

5615

B54-6843-3. 8/20 8/30 9/18 40 0
 638 C.I. 8970 Some legs, many dead leaves at base
 Rogue flagger gone

Rogue

5631

~~He 10/3~~

R3, (India) 9/15 ✓ 10/20 (131) 40
 639 C.I. 8980 8/30

552

~~He 10/16~~

P.I. 193177
 640 (India)

late

40
8/30

590

~~He 10/16~~

DiseasesCVP Wt
Wt. Gram

S-1 S1-2 Tn 41 1009 4036 24.9

49

58.4 66.4

S2-3 R-0 46 760 3040 18.8

56
43

68.4 71.2

MS-1 R-0 Tn 44 768 3072 19.0

43
25

61.8 72.0

S-2 R-Tn 41 190 760 4.7

18
16

47.1 67.8

MS-2 R-0

Not enough
Rice 106 424 2.6

9

— —

D A T E S			PLANT HT. (IN.)	Lod 90 do
HEADING		FULL		
1ST	FULL	RIPE		

B504A1-27-3-2-2, 8/28 9/8 9/30 (111) 46 0
 641 Z x B433A2-6 Shorter than Zenith
 on 642, better than 643 for yield

5063
 H_u 10/3

B504A1-27-3-2, 8/30 9/8 10/2 (113) 49 0
 642 Z x B433A2-6

231
 H_u 10/3

Too tall

B504A1-112-2-2, 9/1 9/11 10/2 (113) 47 0
 643 Z x B433A2-6 about veg growth, 8/14

232 more of a Zenith grain than 641 (flat)
 much like 641 except shorter pan
 H_u 10/3

Zenith
 644 9/1 9/12 10/3 (114) 54 10/2
 Tall sug gr, 8/14

H_u 10/3

Taller + weaker than any of the sele

B504A1-27-3-1, 8/28 9/9 9/30 (111) 47 0
 645 Z x B433A2-6 Iny bit.

233
 H_u 10/3

✓ good, much like 641

Dunes

Ho Co P.O. ^{cup} wt. Grams

S-1 S-1 46 853 3412 21.1

~~25~~
20

61.0 70.3

S-2 S-1 Tn 46 920 3680 22.7

~~33~~
23

60.9 69.6

S-1 S-1 Tn 44 843 3372 20.8

~~56~~
37

67.4 71.2

S-1 S-1 Tn 44 901 3604 22.2

~~37~~

67.4 71.6

S-2 S-1 Tn 47 829 3316 20.5

~~31~~
23

65.6 71.8

DATES			PLANT HT. (IN.)	Lodg
HEADING		FULL		
1ST	FULL	RIPE		

646 B504A1-112-2-1-1, 8/30 9/10 10/4 (115) 45 0
 Z x B433A2-6 Shortest straw of group, V good
 photo: appears to be best of group

Cross with
 Bunn + 2 with
 above

5066

He 10/3

647 B54-6856-2, 9/29 9/10 10/11 (112) 46 0
 CP231, Roque & few taller & later segregates present
 a shorter grain than other CP Roque
 sel.

884/3

He 10/3

648 B54-6857-2, 9/1 9/14 10/4 (115) 48 0
 CP231, Roque appears quite uniform

885/4

He 10/3

649 9/3 9/13 10/6 (117) 47 0
 Japranetyline? Jap type
 R to H, no C4

Not Sown?

He 10/3

650 B54-6858-4, 8/27 9/4 9/26 (107) 47 0
 CP231, Roque Much earlier than other lines, & earlier
 than 2 with, good straw.

887/3

He 10/3

Better than 647 or 648, more uniform

<u>Discs</u>			CUP	wt.			
Ho	Co	PO	wt.	Gram			
S-2	MS-1	Tn	45	869	3476	21.5	$\frac{28}{24}$
					125		
					67.0	70.6	
MS-1	S-2		44	871	3484	21.5	$\frac{29}{49}$
					68.2	71.5	
S-1	MS-1		46	760	3040	18.8	$\frac{48}{44}$
					65.0	69.4	
MS-1	R-0		44	951	3804	23.5	$\frac{24}{49}$
					67.5	75.7	
S-1	S-2	Tn	44	951	3804	23.5	$\frac{63}{49}$
					66.5	70.6	

DATES			PLANT HT. (IN.)
HEADING	FULL	RIPE	

body
70/10/2

651 Calif. 55
13065-76

8/20	8/28	9/23	39 (104)
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25/9/16
80/9/24
100/10/2

596
ln 10/3

652 (Calif.)
489A1-20

8/26	9/3	9/30	45 (111)
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ln 9/16
50/9/24

603
ln 10/3

653
244A6-20

8/27	9/4	9/28	49 (109)
------	-----	------	-------------

ln 7/24
bad for hull discoloration & blight.

665
ln 10/3

654
463A1-1-59

8/21	8/31	9/30	43 (111)
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ln

671
ln 10/3

655
462A1-1-14-8

8/18	8/29	9/24	44 (105)
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badly lodged

50/9/16
75/9/24
90/10/2

674
ln 10/3

<u>Diseases</u>			cup wt				
Ho	Co	P.O	wt. Grams				
S-2	MS-1	S-1	43	822	3288	20.3	$\frac{14}{9}$

62.2 71.0

S-2	MS-1	S-1	46	1110	4440	27.4	$\frac{47}{25}$
-----	------	-----	----	------	------	------	-----------------

69.1 74.8

S-2	MR-1	S-2	43	567	2268	14.0	$\frac{23}{17}$
-----	------	-----	----	-----	------	------	-----------------

46.6 67.2

S-3	S-1		45	1029	4116	25.4	$\frac{39}{26}$
-----	-----	--	----	------	------	------	-----------------

72.2 75.7

S-2	R-Tn	S-Tn	45	1002	4008	24.7	$\frac{53}{30}$
-----	------	------	----	------	------	------	-----------------

67.0 72.8

DATES			PLANT HT. (in.)	Soddy 96/ date
HEADING 1ST FULL	FULL RIPE			

656 4626A1-1-13-3 8/22 8/31 9/25 (106) 47 70/9/16
 Use for crosses with B57-445, acct hist stem type 20/9/24 10/10/2

678
 10/10/3

657 489A1-1-1-2 8/22 8/31 9/25 (106) 51 70/9/16
 1 weak stem 100/9/24

679
 10/10/3

658 BS112A1-106-2, 9/10 10/4 10/17 49 0
 Bbt x (128)

ZAYAS BAZAN

355

10/10/17

659 C.I. 8638 9/1 9/11 10/5 (116) 46 0
 good short lit top, good stems
 more sturdy than most

584 2000, V green leaves 10/14

10/10/16

660 P.I. 166968 9/2 9/12 10/5 (116) 38 0
 Turkey Remove tall rogers before h
 V good V short lit plot

573

10/10/3

Diagrams

Ho Co Po OVP
wt. wt
gram

S-3 MR-1 46 1072 4288 26.5 9
~~45~~
9

62.6 75.7

S-2 S-TN 44 963 3852 23.8
50
26

64.8 75.4

S2-3 R-0 TN 41 785 3140 19.4
21
16

54.5 73.6

S 2-3 R-0 46 1141 4564 28.2
1522 gd 38
28

41.8 75.5

S-3 R-0 45 974 3896 24.1
1087 gd 38
27

68.0 75.2

DATES			PLANT HT. (IN.)	Lodg
HEADING	FULL			
1ST FULL	RIPE			

661 P.I. 220413 8/31 9/11 10/4 (115) 45 ⁷⁰ ^{date} ¹ ^{TR} ^{9/24}

Small top grain but low yield
a lot short pan & small numbers

595 was a good stand also sterility

1 bu 10/3 half developed grains

662 P.I. 160,834 8/26 9/1 9/28 (109) 49 ^{ln} ^{9/16}

677

1 bu 10/3

663 P.I. 215 407 8/12 (Est) 8/20 (Est) 9/12 (93) 50 35/9/16
SAN ANTONIA
ITALY

bad for pinulana

(El Salvador)

565

1 bu 10/3 could not get yield sample

664 P.I. 215, 479 8/20 8/28 9/20 (101) 38 0
Ardito
(Italy)

short connect panicle & short let
low yield a lot & short pan

567

1 bu 10/3

665 P.I. 215, 484 8/18 9/28 9/16 (97) 43 0/9/16
Sezco
(Italy)

568

1 bu 10/3

Diseases

No	Co	PO	cup wt.	wt. Grams			
S1-2	R-0	Tn	45	890	3560	22.0	$\frac{36}{31}$
					71.1	75.4	
S2-3	R-0	Tn	43	986	3944	24.3	$\frac{13}{30}$
					71.2	75.8	
S-2	R-0	S-4	36	276	1104	6.8	$\frac{72}{57}$
					46.4	68.1	
S-2	R-0	S1-2	42	988	3952	24.4	$\frac{48}{26}$
					62.9	72.0	
S-2	MR-1	S-2	40	623	2492	15.4	$\frac{60}{40}$
					40.8	68.8	

DATES		PLANT HT. (IN.)
HEADING	FULL	
1ST FULL	RIPE	

Leafy
9/9/16

666 P.I. 164985 8/16 8/25 9/17 (98) 49
fully headed, disc

20
8/30

571
Hu. 10/3 not yield sample

667 P.I. 160746 8/22 8/30 9/24 (105) 51
(CHINA)

10 dm
8/30
75/9/16

576
Hu 10/3 not yield sample

668 P.I. 160813 8/27 9/5 9/27 (108) 38

9/9/16
50/9/24

579
Hu 10/3

669 P.I. 168,947 8/19 8/28 9/21 (102) 40
(Turkey)

80/9/16

16cm 10/3
670 too used on 669 check this as 669 too is
in field & 670 is gone. HWS 10/8
607
samples no yield

670 P.I. 199540 9/10 9/18 10/14 (125) 58 0
Aghula Branco V. tall, dry JV good snow, long gr. J
Medio (El Salvador) full grain

561
Hu. 10/16

Diseases

Ho Co Po cup wt.
wt. Grams

R-1 R-0 S-2 39 144 576 3.6

25

S-2 R-0 S-1 40 207 828 5.1

19
13

432 67.0

S-2 R-0 Tn 45 877 3508 21.7

52
40

66.7 74.4

S-3 R-0 Tn 45 506 2024 12.5

51
29

65.0 75.3

R-Tn R-0 Tn 43 839 3356 20.7

19
13

37.7 72.6

Lody

DATES			PLANT HT. (IN.)	
HEADING	FULL			
1ST FULL	RIPE			

671 P.I. 199541 9/10 9/20 10/14 57 0
Bico Peto
(El Salvador) (125)

562
Hv. 10/16
672 P.I. 160840 8/31 9/13 10/3 60 0
(114)

581
Hu 10/3
673 C.I. 8945 8/29 9/11 10/3 55 20
Siam (114)

589
Hu 10/3
674 P.I. 167,931 8/19^{Ex} 8/27 9/12 34 0
(TurKey) (93)
V. few rogners, leaves die fast

600
Hu 10/3
675 P.I. 167,931 8/19^{Ex} 8/27 9/12 35 0
(TurKey) (93)
many rogners, dice.

Disc
and mixed
10/3 sample
and 608

Diseases

Ho	Co	Ro	Cup wt	wt grams			
MS-1	R-0	Tn	44	815	3260	20.1	$\frac{23}{17}$
					26.0	72.2	
S-1	S-1	S-1	42	789	3156	19.5	$\frac{19}{20}$
					60.8	69.7	
MS-1	R-0	Tn	44	914	3656	22.6	$\frac{38}{33}$
					61.9	72.1	
S-3	R-0	S-4	41	698	2792	17.2	$\frac{49}{38}$
					68.0	41.6	
S-2-3	R-0	S-4	41	371	1484	9.2	$\frac{37}{41}$
					49.8	67.6	

DATES		PLANT HT. (IN.)
HEADING 1ST FULL	FULL RIPE	

Lodg
20
date

Hyb. M: x 11-47-1-2,
676 E. Sh. Gr. Bulk

9/2 9/12 10/5 (116) 49 10/9/16
100/10/8

129

Hyb. M: x 11-47-11-3-1-6,
677 E. Sh. Gr. Bulk

9/1 9/11 10/4 (115) 47 50/9/16
100/10/8

130

Hyb. M: x 12-49-3-4,
678 L. Sh. Gr. Bulk.

9/16 9/24 10/17 (128) 48 50/9/16
100/10/8

132

P.I. 209938
679 (Taiwan)

9/4 9/16 10/8 (119) 48 40/9/24
100/10/8

474

P.I. 215814,
680 KAREN - iKo-12
(Taiwan)

9/2 9/13 10/2 (119) 52 25/9/24
100/10/8

476

Hyb. 10/16

Diseases

No	CO	PO	avp wt.	wt. Grams
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S-2	R-0	Tn	42	792	3168	19.6
-----	-----	----	----	-----	------	------

$$\frac{21}{22}$$

R

30.2 72.1

S-2	R-0	Tn	41	640	2560	15.8
-----	-----	----	----	-----	------	------

$$\frac{18}{21}$$

MR

49.9 72.8

S2-3	R-0	Tn	40	670	2680	16.5
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$$\frac{21}{23}$$

MR

59.7 71.8

S2-3	R-0		45	1114	4456	27.5
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$$\frac{31}{26}$$

R

62.4 74.7

S2-3	R-0		45	1102	4408	27.2
------	-----	--	----	------	------	------

$$\frac{29}{25}$$

35.4 76.8

DATES			PLANT HT. (IN.)
HEADING	FULL	RIPE	

681 P.I. 215818 (Taiwan) 9/6 9/14 10/10 (121) 53 *ln/9/24*
20/10/8

478

Hu. 10/16

682 P.I. 215821 (Taiwan) 9/1 9/12 10/5 (116) 46 *ln/9/24*
15/10/8

479

Hu. 10/16

683 P.I. 215831 (Taiwan) 9/7 9/16 10/10 (121) 44 0
sturdy short stem, cut guards

483

Hu. 10/16

684 P.I. 215838 (Taiwan) 9/6 9/15 10/10 (121) 48 *ln/10/10*

485

Hu. 10/16

685 P.I. 215841 (Taiwan) 9/2 9/11 10/7 (118) 50 *ln/9/24*
ln/10/8

488

Hu. 10/16

Diseases

Reservoir			cop wt				
Ho	Co	Ro	wt. Gram				
S2-3	R-0		47	1119	4476	27.6	$\frac{37}{28}$
						30.5	75.8
S2-3	R-0		45	1139	4556	28.1	$\frac{24}{25}$
				1447	gd		
						31.4	74.2
S2-3	R-0		46	1196	4784	29.5	$\frac{36}{25}$
				1789	gd		MR
						46.6	76.8
S-2	R-0		46	1123	4492	27.7	$\frac{32}{20}$
						27.3	75.9
S-2	R-0		44	1093	4372	27.0	$\frac{30}{23}$
						29.6	75.5
							MR

686

Colusa

DATES			PLANT HT. (IN.)	Lodg	
HEADING	FULL			%	date
1ST FULL	RIPE				
8/26	9/3	9/28	(109) 50	25	9/16
Boddy mixed, get new seed				25	9/24

He 10/3

687

P.I. 215847

Shinchiku-iko-146

(Taiwan)

491

He 10/16

P.I. 215849

Shinchiku-iko-148

(Taiwan)

492

He 10/16

688

Caloro

8/27	9/3	10/2	(113) 50	50	9/16
				50	9/24
				90	10/2

689

P.I. 215875

Taicho-65

(Taiwan)

496

He 10/16

690

9/1	9/12	10/5	(116) 49	25	9/24
				all	He 10/3

Diseases

Ho	Co	P.O.	cup wt	wt	Gram
MS-1	R-0	S-1	42	938	3752/23.2

 $\frac{88}{46}$

64.2 71.4

S1-2	R-0		46	955	3820 23.6
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 $\frac{23}{21}$

27.9 73.6

S-2	R-0		44	1175	4700 29.0
-----	-----	--	----	------	-----------

 $\frac{36}{29}$

MR

45.0 74.5

S-2	S-Tn	S-1	44	909	3636 22.4
-----	------	-----	----	-----	-----------

 $\frac{61}{32}$

69.4 75.8

S-2	R-0		45	1241	4964 30.6
-----	-----	--	----	------	-----------

 $\frac{32}{24}$

MR

44.0 75.3

D A T E S			PLANT HT. (IN.)
HEADING	FULL		
1ST FULL	RIPE		

Lody
9/2
date
9/23
30
9/24
all in 10/8

691 P.I. 215890 9/27 9/6 10/4 (115) 50
Taichu-Ku-39
(Taiwan)
497

692 P.I. 215920 9/5 9/17 10/8 (119) 49
TAI'NAN-8 v. long plot
(Taiwan)
501

693 P.I. 215923 9/12 9/20 10/15 (126) 46
Taiwan-14
(Taiwan)
504

694 P.I. 215924 9/1 9/11 10/4 (115) 45 0/12/8
TAI'NAN-15 watch out sturdy stems short lit,
(Taiwan)
505

cut ground

695 P.I. 215927 9/12 9/20 10/15 (126) 43 0/10/8
TAI'NAN-18
(Taiwan)
507

Hu. 10/16

<u>Diseases</u>			wt.				COP
H0	CO	PO	Gross				wt.
S-2	R-0		1060	4240	26.2	43	
							$\frac{36}{25}$
							MS
					43.4	74.2	
S-2	R-0		1124	4496	27.8	43	
							$\frac{34}{28}$
					48.8	74.9	MR
S-2	R-0		930	3720	23.0	41	
							$\frac{32}{20}$
					60.2	748	
S-2	R-0		1215	4860	30.0	45	
			1604g				$\frac{25}{27}$
					53.6	73.4	
S-2	R-0		1190	4760	29.4	45	
							$\frac{29}{19}$
					64.2	76.9	

DATES			PLANT HT. (IN.)
HEADING	FULL		
1ST FULL	RIPE		

696 P.I. 215931 9/2 9/2 9/15 10/6 53 (117)
 TAINAN-IKU-370 Wide leaves, not top plant type
 (Taiwan) pr apic. mpr glumes

511

Hv. 10/16

697 P.I. 215932 9/8 9/16 10/14 44 (125)
 TAINAN-IKU-441 no pr color
 (Taiwan) 1 good plot shed bit good show

512

Hv. 10/16

698 P.I. 215939 9/2 9/2 9/12 10/9 47 (120) 10/9/24
 TAINAN-IKU-490 pr apic, mpr glumes
 (Taiwan) sturdy ht,

517

Hv. 10/16

699 P.I. 215952 9/2 9/2 9/11 10/9 50 (120) 20/9/24
 TAINAN-IKU-510 non pr.
 (Taiwan)

524

Hv. 10/16

700 P.I. 215953 9/5 9/5 9/14 10/8 (119) 49 20/9/24
 TAINAN-IKU-511
 (Taiwan)

525

Hv. 10/16

Quercus

Ho	Co	po	cup wt.	wt	Gram
S-3	R-0		44	1341	5364 33.1

$\frac{29}{30}$
MS

39.6 74.3

S1-2	R-0		45	1284	5136 31.7
				1938	gd

$\frac{26}{19}$

51.3 75.8 MS

S-2	R-0		44	1219	4876 30.1
-----	-----	--	----	------	-----------

$\frac{28}{25}$

36.8 73.9 R

S1-2	R-0		42	969	3876 23.9
------	-----	--	----	-----	-----------

$\frac{28}{25}$

39.2 72.1 MS

S1-2	R-0		43	1063	4252 26.2
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$\frac{28}{24}$

26.2 74.6

DATES			PLANT HT. (M.)
HEADING	FULL		
1ST FULL	FULL	RIPE	

701 P.I. 215954 9/6 9/14 10/8 (119) 46 10/24
 TAINAN-KU-512 Less lodging than others, was
 (Taiwan) prob. forced over by others Watch

526

Hv. 10/16

702 P.I. 215956 9/6 9/14 10/8 (119) 52 10/9/6
 TAINAN-KU-514 Too tall 80/10/8
 (Taiwan)

528

Hv. 10/16

703 P.I. 215961 8/31 9/10 10/5 49 20/9/6
 TAINAN-KU-519 ripe hulls (116) 80/9/24
 (Taiwan)

532

Hv. 10/16

704 P.I. 215972 9/1 9/12 10/5 48 90/2/24
 TAKAO-10 (116)
 (Taiwan)

537

Hv. 10/16

705 P.I. 215976 9/1 9/11 10/5 49 15/9/16
 TAKAO-18 (116) 90/2/24
 (Taiwan)

538

Hv. 10/16

<u>Diseases</u>			Cup	Wt.			
No	Co.	PO.	Wt.	Grom			
S1-2	R-0		42	887	3548	21.9	$\frac{28}{26}$
					37.6	72.6	MS

S-2	R-0		39	856	3424	21.1	$\frac{28}{26}$
					47.2	71.8	MR

S-2	R-0		42	1019	4076	25.2	$\frac{29}{26}$
					40.2	72.4	

S-2	R-0		44	1184	4736	29.2	$\frac{31}{27}$
					44.4	78.2	

S-2	R-0		42	824	3296	20.3	$\frac{44}{40}$
					51.3	72.8	

DATES			PLANT HT. (in.)
HEADING 1ST FULL	FULL RIPE		

Lody
90/9/24

706 P.I. 215979 9/6 9/15 10/10 (121) 52
Takao-22 mixture present
(Taiwan)
540

707 P.I. 216018 9/2 9/13 10/6 (117) 49
Takao-Ku-53
(Taiwan)
549

708 P.I. 216022 9/14 9/23 10/15 (126) 48
Takao-Ku-57 Broad leaf, non gap, light green
(Taiwan) mixture present
550

709 B53-2525 9/19 9/30 10/30 (141) 56
CA x R dark green
0/10/8

No 11/14 135

710 B49-515, 9/29 11/12 (154) 50
CA x R 0

No 11/14 136

<u>Diseases</u>			COP	wt.			
No	CO	PO	wt.	Gram			
S-2	R-0		42	1077	4308	26.6	
							$\frac{32}{23}$
					45.1	74.5	MR
S-2	R-0		44	1010	4040	24.9	
							$\frac{42}{26}$
					48.8	75.0	R
S-1	R-0		40	591	2364	14.6	
							$\frac{37}{21}$
					34.6	69.2	
S-1	S-In		44	528	2112	13.0	
							$\frac{28}{22}$
					73.6	75.4	R
S-2	R-0		45	777	3108	19.2	
							$\frac{14}{18}$
					67.4	74.6	VS

Block 6 W (plot 711 #780) was dry on 10/7, Latest

D A T E S			PLANT HT. (IN.)
HEADING	FULL		
1ST FULL	RIPE		

Lodg

711 P.I. 315864 9/6 9/13 10/12 (122) 41 0/10/14
Shivehiku mochi: v good straw, short
:Ku-S (Taiwan)

558

Hu. 10/17

712 P.I. 199547 9/6 9/14 10/12 (122) 41 0/10/14
Dourado Lizo
(El Salu)

563

Hu. 10/17

713 P.I. 160,534 9/21 8/31 9/28 (108) 49 0
Hu 10/9

572

714 B5232A1-25-2, 9/7 9/19 10/10 38 0
C.I. 9278 (120)

X C P 231

Hu 10/9 221

715 B5232A1-8-1, 9/8 9/19 10/12 38 0
C.I. 9278 (122)

X C P 231

258

Hu. 10/17

anthesis may have been affected slightly by this

<u>Diseases</u>			cup wt.	wt Gram			
Ho	CO	P.O.					
S-2	R-0	Tn	43	1027	4108	25.4	$\frac{56 \text{ blut.}}{19 \text{ glut}}$
						35.9	73.8
S-2	R-0	Tn	41	870	3480	21.5	$\frac{52 \text{ blut.}}{16 \text{ glut}}$
						55.8	73.5
S-3	S-1	Tn	43	658	2632	16.2	$\frac{60 \text{ blut.}}{22 \text{ glut}}$
						48.6	68.5
S-2	S-2		43	648	2592	16.0	$\frac{24}{20}$
						59.4	68.8
S2-3	S2-3		43	654	2616	16.1	$\frac{43}{27}$
						65.8	70.4

July

D A T E S		PLANT HT. (IN.)
HEADING	FULL	
1ST FULL	RIPE	

F₄ B5339A9-11-1, 9/28 9/13 10/4 37 0
 718 Dwarf TP x 716 & 717 are about the same appear to
 CP 231 look major, fair grain yield tho.

Ke 10/9 4241 v short ht, only fair mounded leaves

F₄ B5339A3-7-1, 9/28 9/16 10/5 35 0
 717 Dwarf TP x
 CP 231

Ke 10/9 4324 v short ht, only fair mounded leaves

B54-6707-2, 9/26 9/2 9/24 50 0
 718 E B6+ 50 v. uniform hts & maturity, leaves

Ke 10/3 drop, rather long peduncle,
 Ke 3d, 10/5 5569 cross with Dev. CP 231 B55-5812

X-12 to X-15, 9/28 9/15 10/4 47 0
 719 CP 231 looks much like CP 231, covered
 CO on leaves on 10/8

Ke 10/9 5782

F₄ B5324A1-3-3, 9/1 9/12 10/4 44 0
 720 CP 231 x Excellent grain type, shorter ht than 719,
 B4545A2-1 v little CO

cut guard
 Ke 10/9 4253

Distance							
No	Co	PO	Pop Wt.	Wt Gram			
S2-3	S3	TN	41	716	2864	17.7	$\frac{89}{58}$
					63.4	68.5	
S-2	S1-2		43	551	2204	13.6	$\frac{40}{22}$
					60.6	68.1	
S-4			45	666	2664	16.4	$\frac{54}{23}$
				969 g			
					69.6	73.6	
S-2	S-2		43	405	1620	10.0	$\frac{93}{55}$
					65.8	69.4	
S-2	S-1		41	963	3852	23.8	$\frac{92}{77}$
				875 g			
					62.9	69.9	

cut ground ✓

Loty
mon day - leave

DATES			PLANT HT. (IN.)	
HEADING	FULL			
1ST FULL	RIPE			

F₄ B5328A1-26-1 9/6 9/17 10/8 (118) 40 0
 721 CP231 x Reddish gold hulls v short bit
 F(CP231 x C.I. 8150) good grain shape, no CO and
 1/2 10/9 4265 R to H/O on 10/14 except green leaves
 Watch: Ask me as parent
 C.I. 9157 8/31 9/11 10/3 (113) 45 0
 722 (Mo.) consid CO on 10/8.
 V good CP231 type, gold hulls
 1/2 10/9 4167

F₄ B5338A3-25-3, 8/29 9/11 10/2 (112) 43 0
 723 B4030A3-13 seg bit + mat, shaw hulls
 CI 9122
 x B4512A1-52
 1/2 10/9 4277

B517A2-15-4, 9/4 9/13 10/3 (113) 44 0
 724 CP231 x consid. CO 10/8
 B4510A v und bit + mat + v long plot good
 1/2 10/9 192 many green grains at base of pan.

B517A3-117-2, 9/3 9/14 10/5 (115) 45 0
 725 CP231 x General, P.D. Since Pan 3/20
 B4510A1-97 shorter more uniform bit than 726
 1/2 10/9 714 1/2 v. good

cut ground

v. good long grain

Diseases

Ho	Co	Po	cup. wt.				
			wt	Grams			
S-1	R-0		46	664	2656	16.4	$\frac{46}{14}$
			784				
					59.8	68.1	
MS-1	S-2	0	42	932	3728	23.0	$\frac{89}{53}$
							MS
					64.7	68.6	
S-2	R-0		45	682	2728	16.8	$\frac{34}{18}$
					65.8	73.0	
MS-2	S2-3		44	932	3728	23.0	$\frac{36}{20}$
				885	gl		S
					60.4	68.9	
S-2	S-3	Tn	41	860	3440	21.2	$\frac{31}{20}$
					55.7	66.5	R

Lodg

DATES		PLANT HT. (IN.)	
HEADING	FULL		
1ST FULL	RIPE		

728 B517A4-15-3, 9/3 9/14 10/5 (115) 47 0
 CP 231 X v long, v uniform, watch
 B4510A1-77

16u 10/9 717/2

727 B517A4-15-4, 9/1 9/13 10/5 (115) 46 0
 CP 231 X segs. hull color
 B4510A1-77

16u 10/9 198

728 B517A4-18-3, 9/9 9/18 10/11 (121) 45 0
 CP 231 x
 B4510A1-77

200

4u. 10/17

729 B517A4-23-3, 9/1 9/12 10/5 (115) 44 0
 CP 231 X seg dies back too fast
 B4510A1-77

16u 10/9 721/4

730 B517A4-42-2, 9/10 9/24 10/14 43 0
 CP 231 x (124)
 B4510A

170

4u. 10/17

v good neg. growth

1 poor neg. sp. of an neg. growth

<u>Diseases</u>			cup	wt			
HO	CO	PO	wt.	Grams			
MS-2	MS-2		43	1036	4144	25.6	$\frac{25}{25}$
					55.2	68.0	
S-2	MS-2		43	890	3560	22.0	$\frac{32}{30}$ S
					58.5	68.9	
S-2	S-2		43	716	2864	17.7	$\frac{28}{31}$ S
					46.3	71.2	
MS-2	MS-2		42	723	2892	17.9	$\frac{56}{30}$
					60.3	68.9	Have Rough
MS-2	S-2		45	751	3004	18.5	$\frac{18}{25}$
					53.8	72.2	VS

Lodg

DATES			PLANT HT. (IN.)
HEADING	FULL		
1ST FULL	FULL	RIPE	

Outstanding
plot for yield
cut guard

731 B517A4-76-2, CP231X

B4510A1-77

10/9 724 1/2

9/2 9/14 10/7 (117) 46 0
v good, watch v poor
plot on both sides of 731 but
731 is outstanding for yield
lost leaf dying

732 B517A4-80-2, CP231X

B4510A1-77

10/9 725 1/3

9/2 9/14 10/6 (116) 42 0
gold hat poor yield

733 B517A4-104-1, CP231X

B4510A1-77

10/9 727 1/4

8/31 9/12 10/4 (114) 41 0
straw hills short pan
poor yield, slow leaf
dying

734 B517A4-119-2, CP231X

B4510A1-77

10/9 728 1/5

9/31 9/11 10/4 (114) 43 0
short panicles, short ht, watch
v fast leaf dying

735 B517A4-132-1, CP231X

B4510A1-77

10/9 729 1/4

9/3 9/13 10/9 (119) 47 0
v very uniform plot, uniform ht

<u>Diseases</u>			cup	wt.			
Ho	Co	po	wt.	Grams			
S-2	S-2		42	945	3780	23.3	
				1084	gd		$\frac{26}{33}$
							VS
					55.2	68.2	
S-2	S-2		43	516	2064	12.7	
							$\frac{22}{20}$
					64.2	70.6	Have Rms
S-2	S-2	Tr	45	689	2756	17.0	
							$\frac{24}{26}$
					66.1	71.2	Proh VS
S-1	S-2		42	947	3788	23.4	
							$\frac{32}{23}$
					56.1	68.0	
							Have MR none
MS-2	S-1		43	817	3268	20.2	
							$\frac{37}{18}$
					60.1	69.8	Proh S

Lody

DATES			PLANT HT. (IN.)	
HEADING	FULL			
1ST FULL	RIPE			

736 B5117A1-1-2, 9/3 9/13 10/8 (118) 50 0
 CP 231 X Tall reg. growth, lighter green
 CF 9/22
~~B4512A1-32~~ - leaves than CP 231, tall

736/5
 16 10/9
 Dreg lot at inst.

737 B5117A1-4-1, 9/1 9/11 10/6 (116) 48 0
 CP 231 X V good plot, long plot, tall
 C.I. 9/22

212
 16 10/9

738 B5117A1-11-4, 8/28 9/8 10/2 47 0
 CP 231 X V good, long plot, not too tall, watch
 C.I. 9/22

206
 16 10/9

739 B5117A1-14-2, 9/7 9/16 10/10 43 0
 CP 231 X Standing better than OCP or
 CF 9/22
~~B4512A1-32~~ (B502A-CP231) leaves or

734/4 Previous B5117A lines
 16 10/9

740 B55-11004, 9/1 9/12 10/5 46 0
 TP Soli. (115)

995/4
 16 10/9

Diseases

Ho Co Po cup wt.
wt. Grams

MS-2 S1-2 41 1037 4148 25.6

$\frac{25}{19}$

498 654

MS-2 S1-2 42 929 3716 22.9

$\frac{31}{22}$
R

53.7 663

MS-2 S2-3 44 1003 4012 24.8

$\frac{30}{19}$

62.6 69.7

S

MS-2 MS1-2 42 658 2632 16.2

1146 gd

$\frac{34}{18}$
Sep
Haver
pan

55.9 68.0

MS-2 S-2 43 803 3212 19.8

$\frac{22}{17}$

57.6 68.1

weight, was prob. due to location, not as heavy as 3rd

DATES			PLANT HT. (IN.)	Lodg
HEADING	FULL	RIPE		
1ST	FULL	RIPE		

Original C.P.
741 8/31 9/10 10/4 (114) 47 0
weight

9032

P.I. 199554
742 (E1 Salu) 9/2 9/12 10/5 (115) 45 0
weight

9079

P.I. 199554
743 (E1 Salu) 8/31 9/10 10/5 (115) 48 0
weight

9107

P.I. 199554
744 (E1 Salu) 9/1 9/12 10/6 (116) 49 0
weight & taller than adj row

9108

P.I. 199554
745 (E1 Salu) 9/30 9/10 10/5 (115) 47 0
weight

9109

th time guards 2 689 to 780 km 1921

<u>Diseases</u>			cup wt.			
No	CO	P.O.	wt. Grams			
MS-2	S-2		43	953	3812	23.5
				1013		
					58.2	67.3
						$\frac{19}{16}$
MS-2	S-2		43	772	3088	19.1
				1102		
					58.3	67.9
						$\frac{18}{15}$
MS-2	S-2		44	926	3704	22.9
				1187		
					60.8	69.2
						$\frac{12}{16}$
S-2	S-2		42	863	3452	21.3
				1270	gd	
					51.4	68.2
						$\frac{13}{17}$
S-2	S-2		44	800	3200	19.8
				1341		
					59.0	68.0
						$\frac{13}{18}$

Drought due to location:

Lodg

DATES		FULL RIPE	PLANT HT. (IN.)
HEADING	1ST FULL		

746 B5386A-11 8/20 9/10 10/5 (115) 47 0
 CP 231 X Drought hit
 (CP x B4513A)
 8718

747 B5386A-30 8/31 9/10 10/5 (115) 48 0
 CP 231 X Drought hit
 (CP x B4513A)
 8737

748 B5417A1-1, 9/1 9/12 10/5 (115) 51 0
 CP 231 X badly damaged by birds
 B502A2-154-2 Tackles than CP selections, also heavier
 8801

749 B5417A1-7, 8/30 9/13 10/5 (115) 47 0
 CP 231 X not taller than CP selections
 B502A2-154-2
 8807

750 B5417A1-12, 9/1 9/14 10/6 (116) 47 0
 CP 231 X large hit. or more hit
 B502A2-154-2
 8812

[illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible]

<u>Diseases</u>					
No	Co	Pd.	dop wt.	wt. Gram	
S-2	S-2		43	927	3708 22.9
				1107	gd 63 / 62
					64.9 69.1
S-2	MSI-2		42	973	3892 24.0
				1274	gd 65 / 61
					64.6 68.2
S-2	S-2		43	954	3816 23.6
				1029	gd 37 / 37
					60.0 68.3
MS-2	S-2		43	908	3632 22.4
				1096	gd 30 / 25
					62.2 68.9
S-2	S2-3		43	931	3724 23.0
				1062	gd 30 / 23
					58.3 67.8

[illegible][illegible]

<u>Diseases</u>			dop wt.	wt. Gram		
No	Co	Pd.				
S-2	S-2		43	927 1107	3708 gd	22.9 $\frac{63}{62}$
						64.9 69.1
S-2	MSI-2		42	973 1274	3892 gd	24.0 $\frac{65}{61}$
						64.6 68.2
S-2	S-2		43	954 1029	3816 gd	23.6 $\frac{37}{37}$
						60.0 68.3
MS-2	S-2		43	908 1096	3632 gd	22.4 $\frac{30}{25}$
						62.2 68.9
S-2	S2-3		43	931 1062	3724 gd	23.0 $\frac{30}{23}$
						58.3 67.8

[illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible]

<u>Diseases</u>					
H0	C0	P0.	dop wt.	wt. Gram	
S-2	S-2		43	927 1107 gd	3788 22.9 63 62
					64.9 69.1
S-2	MSI-2		42	973 1274 gd	3892 24.0 65 61
					64.6 68.2
S-2	S-2		43	954 1029 gd	3816 23.6 37 37
					60.0 68.3
MS-2	S-2		43	908 1096 gd	3632 22.4 30 25
					62.2 68.9
S-2	S2-3		43	931 1062 gd	3724 23.0 30 23
					58.3 67.8

[illegible]

Lody

DATES		PLANT HT. (IN.)
HEADING	FULL RIPE	
1ST FULL		

751 B5417A1-14, 8/31 S 9/12 10/5 (115) 48 0
CP 231 X Bod. bird damage
B502A2-154-2
8814

752 B5417A1-19 8/21 S 9/16 10/5 (115) 46 0
CP 231 X
B502A2-154-2
8819

753 B5417A1-24, 9/1 9/14 10/6 (116) 54 0
CP 231 X Too tall, leaning sl on 10/2
B502A2-154-2
8825

754 B5417A1-25, 9/1 9/12 10/8 (118) 51 0
CP 231 X Too tall
B502A2-154-2
8826

755 B5417A2-4, 9/5 9/16 10/9 (119) 49 0
CP 231 X Shorter let than orig row & sturdy
B502A2-154-2 grain rather short
8830

10/9

cut grain

<u>Diseases</u>			cup	wt.		
No	Co	PO	wt.	Grams		
S-2	SI-2		43	898	3592	22.2
				977	gd	
						$\frac{34}{30}$

58.2 68.6

S-2	S-2		43	1367	5468	33.8
				1028	gd	
						$\frac{26}{36}$

62.8 68.8

MS-2	SI-2		42	945	3780	23.3
				1659	gd	
						$\frac{31}{30}$

59.0 67.8

MS-2	SI-2		41	988	3952	24.4
				918		
						$\frac{38}{42}$

60.0 68.0

S2-3	S-2		42	910	3640	22.5
				1085	gd	
						$\frac{47}{46}$

61.4 67.8

Lody

DATES		PLANT HT. (IN.)
HEADING	FULL	
1ST FULL	RIPE	

756 B5417A2-10, 9/1 9/11 10/7 (117) 52 0
CP 231X
B502A2-154-2
8836

757 B5417A2-11, 9/2 S 9/14 10/8 (118) 53 0
CP 231X Too tall
B502A2-154-2
8837

Nov 10/9

758 B5417A2-12, 9/21 9/10 10/8 (118) 52 0
CP 231X Uniform but tall
B502A2-154-2 further leaf drying or earlier (10/14)
8838

759 B5417A2-14, 9/1 9/12 10/6 (116) 51 0
CP 231X Sep. ht.
B502A2-154-2
8841

760 B5417A2-16, 8/31 9/10 10/6 (116) 50 0
CP 231X
B502A2-154-2
8843

<u>Diseases</u>			cup	wt			
HO	CO	PO	wt	Gram			
S-2	S-2		41	945	3780	23.3	$\frac{43}{41}$
				813			
						57.5	66.7

S-2	S-2		42	865	3460	21.4	$\frac{29}{23}$
				1040	gd		
						56.0	68.8

S2-3	MS-1		42	956	3824	23.6	$\frac{29}{23}$
				987	gd		
						56.7	68.0

S2-3	S-1		42	847	3388	20.9	$\frac{31}{25}$
				1037	gd		
						58.7	68.2

MS-2	S-2		42	1020	4080	25.2	$\frac{40}{23}$
				980			
						56.9	68.0

Lody

DATES			PLANT HT. (IN.)	
HEADING	FULL			
1ST FULL	RIPE			

761 B5417A2-27, 8/31 9/11 10/6 (116) 49 0
 CP 231x v good plot.
 B502A2-154-2
 8854

762 B5417A2-32, 9/1 9/14 10/6 (116) 52 0
 CP 231x Taller than adj. plots
 B502A2-154-2
 8859

10/1
10/19

763 B5417A2-34, 8/31 9/11 10/5 (115) 47 0
 CP 231x shorter than adj. plots
 B502A2-154-2
 8862

764 B5417A2-36, 9/1 9/10 10/6 (116) 49 0
 CP 231x
 B502A2-154-2
 8864

10/1

765 B5417A2-39, 9/1 9/13 10/5 (115) 48 0
 CP 231x
 B502A2-154-2
 8867

<u>Diseases</u>			cup	wt			
Ho	Co	PO	wt.	Gram			
MS-2	S-1		42	980	3920	24.2	
				1093	gd		$\frac{54}{30}$
						60.2	67.5
MS-2	S-2		41	1059	4236	26.1	
				956			$\frac{52}{43}$
						58.4	66.6
MS-2	MS-2		41	879	3516	21.7	
			spilled	466	gd		$\frac{40}{29}$
						58.6	67.3
MS-2	S-2		43	898	3592	22.2	
				800	gd		$\frac{32}{25}$
						61.9	68.6
S-2	S-2		44	963	3852	23.8	
				900	gd		$\frac{33}{28}$
						61.8	68.3

✓ = Water uptake in 1956

DATES		PLANT HT. (IN.)
HEADING 1ST FULL	FULL RIPE	

Lodg

766 P.I. 202865 8/29 9/9 9/30 59 0
(Costa Rica) ✓ tall (110)

7162

767 P.I. 214076 8/30 9/8 10/5 49 50
(Jamaica) Deprob. Lacrosse, Lodging on 10/10/8
Lacrosse (115)

7172

768 B55106A18-14. 9/5 9/16 10/9 48 0
CP 231 X un'ht, mat. (119)
(CP 231 X B502A2-113-1)
10,040 ✓

769 B55106A26-6. 9/1 9/14 10/6 52 0
CP 231 X drug lts & mat, very plst (116)
(CP 231 X B502A2-113-1)
10,047 ✓

770 B55106A26-8. 9/4 9/16 10/9 51 0
CP 231 X Too tall (119)
(CP 231 X B502A2-113-1)
10,049

<u>Diseases</u>			cup	wt			
HO	CO	PO	wt.	Grams			
S-2	SI-2		44	917	3668	22.6	20
					54.2	71.4	
S-3	R-0		42	1207	4828	29.8	42
				1097g			
					65.1	70.4	
MS-2	MS-1		43	1035	4140	25.6	28 19
				1027g			
					59.0	67.1	
MS-2	MS-2		42	898	3592	22.2	33 35
				1333g			
					62.5	68.2	
MS-2	MS-1		41	854	3416	21.1	27 30
				1230g			
					59.8	68.2	

✓ = Water uptake in 1956

DATES		PLANT HT. (IN.)
HEADING 1ST FULL	FULL RIPE	

Lody

771 B55/06A26-11, 9/1 S 9/16 10/9 (119) 51 0
 CP 231 x v. uni. lat.
 (CP 231 x B502A2-113-1)
 10,052 ✓

772 B55/06A26-15, 9/2 S 9/16 10/10 (120) 51 0
 " some stunted types present
 ragged appearance
 10,056 ✓

773 B55/06A27-1, 9/1 9/12 10/6 51 0
 CP 231 x Earlier than others (116)
 (CP 231 x B502A2-113-1) looks more like CP 231 than others
 May 1 to 7 10,057 v. long plot
 cut guard ✓

774 B55/06A27-2, 9/2 S 9/17 10/9 (119) 52 0
 " "
 10,058 ✓

775 B55/06A27-4, 9/1 S 9/16 10/9 (119) 52 0
 " "
 10,060 ✓

Lody

DATES		PLANT HT. (IN.)
HEADING	FULL	
1ST	FULL	RIPE

776 B55/06A27-6 9/1 S 9/16 10/9 (119) 51 0
CP231 X
(CP231 x B502A2-1/3-1)
10,062 ✓

777 B55/06A30-2 8/30 9/11 10/5 (115) 51 0
" Earlier than others

10,073 ✓
1 good CP231 type.

10/19
778 B55/06A30-4 9/1 S 9/16 10/9 (119) 52 0
" May 15 to 24
10,075 ✓

779 B55/06A30-7 9/31 S 9/15 10/7 (117) 51 0
" May 25 to 31
10,078 ✓

780 B55/06A30-8 9/1 S 9/15 10/6 (116) 50 0
" v. long plot
10,079 ✓

<u>Diseases</u>			cop	wt			
No	CO	PO	wt.	Grms			
S-1	MS-1		43	1073	4292	26.5	
				1575	gd		$\frac{30}{28}$
						63.0	68.3
S-1	S-2		42	997	3988	24.6	
				1341	gd		$\frac{30}{35}$
						59.8	66.7
MSI-2	MSI-2		42	1109	4436	27.4	
				1220	gd		$\frac{17}{18}$
							Seg
						57.5	67.3
MSI-2	S-2		42	1005	4020	24.8	
				1517	gd		$\frac{17}{19}$
							MR
						62.3	68.1
MSI-2	S-2		43	1222	4888	30.2	
				1373	gd		$\frac{26}{25}$
						62.0	69.0

DATES		PLANT HT. (IN.)
HEADING	FULL	
1ST FULL	RIPE	

Lady

781

CI 8337

9/23 10/5

10/25

44

(116)

ln

(Peru)

564

782

B55-8135;

Crowley R-R

9/17 10/1

10/20

34

(111)

0

little slender

223

Crowley

783

R-R-1707

9/16 9/29

10/20

36

(111)

0

little slender

5734

784

B5223A3-7-2

C.I. 9122

x Bbt 50

9/20

10/1

10/25

38

(116)

0

much slender

752/4

785

B5223A3-7-3.

C.I. 9122

x Bbt 50

9/16

10/1

10/20

37

(111)

0

some slender

753/6

<u>Diseases</u>			cup wt.			
No	Co	po	wt.	Gram		
S2-3	R-0		41	512	2048	12.6
					63.2	69.6

$$\frac{13}{10}$$

S2-3	R-0		45	425	1700	10.5
					71.2	73.6

$$\frac{51}{21}$$

S2-3	R-0		44	450	1800	11.1
					71.2	73.6

$$\frac{20}{20}$$

S2-3	S-1		44	305	1220	7.5
					69.3	72.1

$$\frac{26}{26}$$

S2-3	S-In		44	376	1504	9.3
					68.2	72.6

$$\frac{25}{24}$$

DATES			PLANT HT. (IN.)	Lodg
HEADING	FULL			
1ST FULL	RIPE			

786 B5223A3-8-2, 9/15 10/1 10/20 37 0
 CI 9/22 some slendery (111)
 x Bbt 50
 755/1

787 B5223A5-1-2, 9/11 9/25 10/16 37 0
 CI 9/22 short reg growth, (107) some slendery
 x Bbt 50 so half of plant ripe by 10/16
 756/5

788 B5517A18-5, 9/30 11/0 11/10 33 0
 CP231 x (132)
 (CP231 x B502A2-113-1)
 10,183 ✓
 16 11/13

789 B55133A28-4, 9/26 11/10 32 0
 CP231 x (132)
 (CP231 x B502A2-154-2)
 10,275
 16 11/13

790 B5223A5-56-3, 10/11 — 0
 CI 9/22 failed to fully ripen some
 x Bbt 50 seed set.
 761/5

<u>Diseases</u>			COP wt.	Wt Gram				
Ho	Co	Re.						
S-2	R-0		45	410	1640	10.1		$\frac{49}{27}$
					70.2	73.0		
S-3	R-0		44	425	1700	10.5		$\frac{27}{22}$
					68.8	72.7		
S-2	S-Tn		43	620	2480	15.3		$\frac{22}{23}$
					24.8	71.8		
S-2	S-1		42	484	1936	12.0		$\frac{25}{28}$
					22.2	70.4		
S-2	S-1		42	325	1300	8.0		$\frac{30}{34}$
					69.6	73.3		

Lolz

DATES			PLANT HT. (IN.)
HEADING	FULL		
1ST FULL	RIPE		

791 B4515A1-16,
Hill Sel x
RN

9/9	9/20	10/16	36	0
		(107)		

99

792 P.I. 180182
Siam Garden
(Peru)

9/19	10/2	10/21	44	ln ¹⁴
		(112)		

121

793 P.I. 183,331
(India)

9/16	10/1	10/16	41	ln ¹⁷
		(107)		100

122

Hv. 10/16

Row amylogran
about 5/29/58

Excellent curve, v low peak

794 P.I. 180,060
(India)

9/15	9/26	10/20	43	ln ¹⁶
		(111)		

123

Hv. 10/16

795 B5338A5-2,
B4030A3-13.
X C.I. 9/22

9/10	9/23	10/14	40	0
		(105)		

179

Processes

No.	Co	P.O.	Cup Wt	Wt. Gram			
S-3	S-Tr		43	550	2200	13.6	$\frac{44}{22}$
					64.9	73.3	S

S-3	R-0		41	511	2044	12.6	$\frac{29}{18}$
							MS
					62.3	71.2	

S-3	R-0		42	612	2448	15.1	$\frac{29}{10}$
							S
					67.7	73.3	

is hot paste, High Visc when cooled.

S-3	R-0		43	457	1828	11.3	$\frac{28}{12}$
							S
					49.8	70.2	

S-2	S-Tr		42	626	3504	15.5	$\frac{45}{19}$
							VS
					62.6	70.4	

Lodge

DATES			PLANT HT. (IN.)	
HEADING		FULL		
1ST	FULL	RIPE		

796 B5338A5-17 9/9 9/26 10/12 41 0
 B4030A3-13 (103)
 X C.I. 9/22
 180

797 B5338A7-12, 9/9 9/24 10/12 40 0
 B4030A3-13 (103)
 X C.I. 9/22
 181
Best of group

798 B5506A27-2. 10/1 10/10 11/10 32 0
 CP231 X Short reg. growth (132)
 (CP231 x B501A2-113-1)
 10,058 ✓
 Hu 11/13

799 B516A1-8-1. 9/25 10/5 10/25 32 0
 CP231 X Short reg. growth (116)
 C.I. 8150
 167 Highly sterile, & short ht. no CD
 Hu 11/13

800 B517A2-18-3. 9/8 9/18 10/9 38 0
 CP231 X (100)
 B4510A1-77
 703
 Hu 10/10

Diseases			cop wt.	wt Gram			2nd 56 57 58
No	CO	PO					
S-2	R-Tn		44	750	3000	18.5	52 22
					67.2	71.3	
S2-3	MR-Tn		43	751	3004	18.5	49 24 S
					63.0	72.6	
S-2	MR-Tn		43	408	1632	10.1	34 32 MS
					36.0	71.1	
S-2	R-0		44	296	1184	7.3	56 19
					335	72.8	Segr
S2-3	S-1	Tn	43	564	2256	13.9	33 13 S
					532	65.4	

DATES		PLANT HT. (IN.)
HEADING 1ST FULL	FULL RIPE	

Lody

801 B517A2-20-2. 9/7 9/18 10/9 (100) 39 0
CP 231 x
B4510A

He 10/10 184

802 B517A2-39-1. 9/7 9/16 10/8 (99) 39 0
CP 231 x
B4510A1-77

He 10/10 706/6

803 Century Patna 231 9/25 10/6 11/5 (127) 42 0

He 11/13

804 B517A2-39-3. 9/7 9/18 10/9 (100) 39 0
CP 231 x
B4510A1-77

He 10/10 707/2

805 B55133A33-9, 9/29 10/9 11/6 (128) 42 0
CP 231 x Standing better than CP 231 on

(CP 231 x B502A2-154-2) 11/13, not as tall

He 11/13 10,312

<u>Diseases</u>			cup	wt			
No	Co	P.O.	wt.	Gram			
S-2	S-2		43	619	2476	15.3	
							$\frac{37}{13}$
					59.3	70.0	S
S-2	SI-2	Tn	43	691	2764	17.1	
							$\frac{33}{14}$
					50.6	69.2	S
S-2	MS-1		41	415	1660	10.2	
							$\frac{40}{}$
					16.1	70.3	S
S-2	SI-2		42	690	2760	17.0	
							$\frac{44}{21}$
					58.1	70.0	S
SI-2	MS-1		41	526	2104	13.0	
							$\frac{36}{38}$
					28.4	69.0	

✓ = water uptake in 1956

DATES		PLANT HT. (IN.)
HEADING 1ST FULL	FULL RIPE	

Lodge

806 B517A3-56-3, 9/6 9/15 10/9 44 0
CP 231 X flag drop (100)
B4510A1-77

16m 10/10 7/11/3

807 B517A3-123-1, 9/6 9/16 10/9 45 0
CP 231 X flag drop (100)
B4510A

16m 10/10 190

808 B5117A1-10-1, 9/4 9/15 10/6 42 0
CP 231 X (97)
C.I. 9/22

16m 10/10 210

begin hull color

809 B5117A1-40-1 9/2 9/14 10/5 43 0
CP 231 X (96)
C.I. 9/22

16m 10/10 213

810 B55107A4-11, 9/24 10/2 11/8 (130) 46 0
CP 231 X a very long plant & good
(CP 231 X B502A2-154-2) sh taller than CP 231

16m 11/13 10, 346 ✓
May 211 to 217

<u>Diagnosis</u>			cup	wt			
No	CO	Pa	wt.	Gram			
S-2	S-2	Tn	42	780	3120	19.3	$\frac{26}{25}$ S
					63.2	69.6	
MS-2	S-1	Tn	42	820	3280	20.2	$\frac{42}{20}$ low R none
					60.4	69.8	
MS-1	MS-1	Tn	41	849	3396	21.0	$\frac{44}{29}$ R
					56.8	68.8	
S-2	S-2	Tn	41	917	3668	22.6	$\frac{49}{34}$
					61.5	68.9	
MS-1	MS-1		43	552	2208	13.6	$\frac{15}{23}$ R ≡
					17.0	69.8	

DATES			PLANT HT. (IN.)
HEADING	FULL		
1ST FULL	RIPE		

B5117A2-4-1.

811

CP 231 X

C.I. 9/22

Kw 10/10

215

9/1

9/11

10/3

46

0

(95)

Adv. v. good - Taller than 812, but also much heavier

B5117A2-4-3.

812

CP 231 X

CI 9/22

~~B4512A1-32~~

9/8

9/18

10/7

41

0

(98)

Kw 10/10

741/5

v. poor yield, end can, not like 811

B5117A2-48-3.

813

CP 231 X

CI 9/22

~~B4512A1-32~~

9/5

9/15

10/5

42

0

(96)

Kw 10/10

743/6

Similar to 812 for hit appearance but longer/better filled

B5117A2-60-1.

814

CP 231 X

CP 9/22

~~B4512A1-32~~

9/10

9/21

10/18

43

0

(109)

Adv. good

delayed in mat. by weather

rather just opening

746/3

Flaps drop & heads droop, v. good Adv

B5118A4-5-1.

815

B6+ 50 X

CI 9/22

~~B4512A1-32~~

9/14

10/1

10/16

37

0

(107)

749/3

Diseases

No Co Po ^{wt.} dup wt. Grom

MS-2 S-2 Tr 41 869 3476 21.5

$\frac{60}{17}$

56.0 68.2 MR

MS-1 S1-2 43 687 2748 17.0

$\frac{30}{25}$

65.7 71.2 MR

MS-1 S-1 Tr 42 813 3252 20.1

$\frac{31}{18}$

63.2 69.0 R

MS-1 S-1 42 860 3440 21.2

$\frac{21}{19}$

59.7 70.4 MS-MR
Segn?

S-3 R-P?

43 455 1820 11.2

$\frac{28}{22}$

onard CO when Hu

66.0 71.2 R

DATES		PLANT HT. (IN.)
HEADING	FULL	
1ST FULL	RIPE	

Lodg

816 B5437A1-1,
TPx B53/6A1

not done

8908

817 B5437A1-6,
TPx B53/6A1

9/3 9/18 10/6 (97) 46 0

16 10/10 8913

818 B5437A1-14,
TPx B53/6A1

9/3 9/15 10/6 (97) 45 0

16 10/10 8922

819 B5437A1-24,
TPx B53/6A1

9/3 9/16 10/6 (97) 46 0

16 10/10 8932

ing. H.

820 B5437A2-2,
TPx B53/6A1

9/5 S 9/24 10/14 (105) 48 0

8936

Hv. 10/16

Diseases

Ho Co Po cup wt.
wt. Gram

30

S1-2 S-2

42 715 2860 17.7

30
15

55.7 68.2

S1-2 S-1

44 769 3076 19.0

26
13

63.3 718

S-1 S1-2

43 732 2928 18.1

30
15

62.1 71.2

S1-2 S1-2

43 590 2360 14.6

26
14

53.0 70.8

Lodg

DATES		PLANT HT. (IN.)
HEADING	FULL	
1ST FULL	RIPE	

821 B5437A2-5, 9/4 S 9/28 10/20 49 0
TPx B5316A1 (111)

8939

Hv, 10/16

822 B5437A2-28, 9/3 S 9/24 10/12 46 0
TPx B5316A1 (103)

8964

Hv, 10/16

823 B5437A2-32, 9/3 S 9/24 10/16 49 0
TPx B5316A1 (107)

8968

Hv, 10/16

824 B5437A2-34, 9/4 S 9/24 10/18 49 0
TPx B5316A1 (109)

8970

Hv, 10/16

825 B5437A2-36, 9/31 9/14 10/2 48 0
TPx B5316A1 (94)
Sl lodged 9/11, straightened up on 9/16

Hv 10/10

8972

inf. & good
damaged by birds

Discarded

No CO. Po.

cup wt.
wt. Gram

S1-2 S-1 41 618 2472 15.3

$\frac{29}{18}$

56.0 69.0

S1-2 S-1 43 706 2824 17.4

$\frac{32}{17}$

61.6 71.4

S-1 S1-2 41 776 3104 19.2

$\frac{28}{16}$

51.3 70.6

S-1 S-1 42 805 3220 19.9

$\frac{29}{15}$

58.1 71.8

S-1 S-1 T~ 40 855 3420 21.1

$\frac{27}{17}$

58.4 69.4

D A T E S			PLANT HT. (IN.)	Lodg
HEADING	FULL			
1ST FULL	RIPE			

B55198A3-8.

826 TP₂ x

F. (B4512A1-32 x TP)

10,439

Hu. 10/16

B55198A3-13.

827 "

10,445

Hu. 10/16

B55198A3-17.

828 "

10,449

Hu. 10/16

B55198A3-41.

829 "

10,474

Hu. 10/16

B55198A3-45.

830

10,478

9/18 9/29 10/22 (111) 50
uniformly late (CP most)

9/2 S 9/29 10/20 (111) 50 0

9/2 S 9/30 10/14 (105) 50 0

9/2 S 9/30 10/18 (109) 49 0

9/17 9/29 10/23 (114) 51 0

Diseases			cup	wt.		
Ho	Co	Po	wt	Gram		
S1-2	S-1	Tn	42	625	2500	15.4
						$\frac{33}{20}$
					63.1	70.2

MSTn	S-1	Tn	41	644	2576	15.9
					58.2	69.6

$$\frac{31}{20}$$

MS-1	S-1	Tn	41	760	3040	18.8
						$\frac{320}{20}$
					56.5	69.6

S-1	S-1	T ₂	41	766	3064	18.9	31 22
					60.2	69.9	

S-1	S-Tn	44	741	2964	18.3	$\frac{29}{25}$
				68.6	72.0	

DATES		PLANT HT. (IN.)
HEADING 1ST FULL	FULL RIPE	

Lody

B55198A3-46, 9/19 9/30 10/24 51 0
831 TP₂ x (115)

F. (B4512A1-32 x TP)

10,479

B55198A12-1, 9/21 10/5 11/7 46 0
832 TP₂ x (129)

F. (B4512A1-32 x TP)

10,507

B55198A12-6, 9/11 10/2 10/22 45 0
833 " (113)

10,512

B55198A12-7, 9/18 10/3 10/24 45 0
834 " (115)

10,513

B55198A12-15, 9/11 S 9/28 10/20 42 0
835 " (111)

10,522

<u>Diseases</u>			cup	wt.			
Ho	Co	po	wt.	Gram			
MS-2	S-1	Tn	43	846	3384	20.9	$\frac{28}{25}$
					67.4	71.3	
S-3	S-1		43	255	1020	6.3	$\frac{28}{25}$
					14.9	72.8	
S-3	S-1		42	398	1592	9.8	$\frac{32}{21}$
					61.6	70.8	
S-3	S-1		44	416	1664	10.3	$\frac{31}{22}$
					67.8	72.5	
S1-2	S1-2		43	341	1364	8.4	$\frac{33}{17}$
					64.2	71.4	

DATES			PLANT HT. (IN.)	Lody
HEADING	FULL			
1ST	FULL	RIPE		

B55197A7-11.

9/10 S 9/26 10/15 43 0
(106)

836 TP₂ X

F. (B4512A1-32 x TP)

10,549

B55197A7-27,

837 "

9/15 S 10/5 seg 47 0

10,567

B55197A7-36,

838 "

9/10 S 9/30 seg 48 0

10,576

B55197A7-40.

839 "

9/8 9/21 10/8 (99) 46 0
more until heading but segs lit.

10,581

B55197A7-49,

840 "

9/17 10/2 10/24 51 0
leaving 10/21 (115)

10,606

Discards

Ho Co. Po. cup wt
wt. Gram

S2-3 S-1 43 555 2220 13.7

Ran army program

66.6 72.0

$\frac{29}{15}$

S2-3 S-Tn 42 385 1540 9.5

$\frac{23}{18}$

61.7 68.5

S-3 S-Tn 45 412 1648 10.2

$\frac{29}{17}$

66.8 72.0

S-2 MS-1 45 527 2108 13.0

$\frac{31}{15}$

67.1 72.9

S-2 S-Tn 43 527 2108 13.0

$\frac{27}{19}$

65.6 71.0

Lodge

DATES			PLANT HT. (IN.)
HEADING	FULL	RIPE	

B55198A13-2,
841 TP₂ x

9/5 S 9/26 10/20 48 20
(111)

F. (B4512A1-32 x TP)
10,625

Very lit. Some lodging 10/21
no Co

Bluebonnet 50
842

10/8 11/18 (140) 0

not ripe on 11/13 but some
grain formed.

B55198A13-5,
843 TP₂ x

9/2 S 9/20 10/10 47 0
(101)

F. (B4512A1-32 x TP)
10,628

Hv 11/13

B55200A15-3
844 "

Hv. 10/16 not ho on 10/10 still in field 11/3
9/16 9/29 10/18 55 0
(109)

10,636

Hv. 10/16

B55200A15-5
845 "

9/2 S 9/24 10/16 50 0
(107)

10,638

Hv. 10/16

Diseases

Ho Co Po cup wt
wt. Gram

S-2 MS-Tn Tn 43 541 2164 13.4

~~29~~
15

67.2 73.6

S1-2 S-1

40 474 1896 11.7

~~29~~

67.3 73.7

S-2 S-Tn Tn 43 536 2144 13.2

~~29~~
16

5.4 73.0

MS1-2 MS-1

41 625 2500 15.4

~~24~~
14

61.5 70.0

S-2 S-Tn Tn 43 827 3308 20.4

~~27~~
15

Rammylogram
Was very good

54.4 73.0

D A T E S			PLANT HT. (IN.)
HEADING	FULL	RIPE	
1ST	FULL	RIPE	

Lody

846 B55200A15-9, 9/17 9/26 10/20 (111) 53 0
TP₂ x

F. (B4512A1-32 x TP)

10,643

Hu. 10/16

847 B55200A20-6. 9/17 9/26 10/20 (111) 53 0
TP₂ x

F. (B4512A1-32 x TP)

10,661

Hu. 10/16

848 B55198A21-4, 9/4S 9/28 Sept 48 0
"

10,679

Hu. 10/16

849 B55198A21-10, 9/24 10/5 11/3 42 0
"

"

Hu. 11/3 10,702

850 B55199A1-4, 9/21 10/4 10/26 43 0
"

10,716

Diseases			cup	wt		
Do	Co	Pos	wt.	Gram		
S-2	S-Tn		40	739	2950	18.2
						$\frac{25}{18}$

62.3 70.4

S-2	S-Tn		42	741	2964	18.3
						$\frac{25}{16}$

62.0 71.8

S1-2	S-Tn	Tn	44	993	3972	24.5
						$\frac{29}{19}$

63.2 72.6

S1-2	S-Tn		44	337	1348	8.3
						$\frac{23}{20}$

7.3 74.2

S1-2	S-Tn		44	425	1700	10.5
						$\frac{34}{21}$

67.3 71.0

V = water uptake in 1956

	DATES		PLANT HT. (IN.)	Lodg
	HEADING	FULL		
	1ST FULL	RIPE		
B55199A1-7, 851 TP ₂ x F. (B4512A1-32 x TP) 10,719	9/9	10/1 leg. lit & mat (111)	10/20 44	0
B55199A8-5, 852 " No 11/13 10,728	9/23	10/5 11/8 (130)	45	0
B55199A2-7, 853 " Too Tall 10,751	9/20	10/1 10/24 (115)	48	0
B55191A2-8, 854 " leg. lit & mat 10,763	9/11	9/29 10/16 (107)	47	0
B55120A13-6, 855 CP 231 x (CP 231 x B502A2-113-1) 10,108 ✓ Mex. 37 to 45	9/27	10/6 V good plot (132)	11/10 40	0

Diseases

No	Co	PO	cop	wt.	wt.	Gram	
S-2	S-Tn		44	410	1640	10.1	$\frac{38}{18}$
					68.1	73.6	
S2-3	S-1		43	306	1224	7.6	$\frac{32}{21}$
					3.8	73.8	
S-2	S-Tn		44	508	2032	12.5	$\frac{27}{19}$
					67.9	72.6	
S-2	S-Tn		44	489	1956	12.1	$\frac{23}{20}$
					68.8	73.7	
S1-2	MS-Tn		43	585	2340	14.4	$\frac{18}{24}$
					17.5	72.0	S

✓. water uptake in 1956

Lodg

DATES			PLANT HT. (IN)
HEADING	FULL		
1ST FULL	RIPE		

B55/20A13-15.

856

CP231 x

9/26 10/6 11/10 (132) 38

shorter hit than 855 + badly

(CP231x B502A2-113-1)

damaged by frost

10,117 ✓

16/11/13 Mex 52 to 58

B55/20A15-1.

857

CP231 x

9/24 10/6 11/8 (130) 41 0

no frost damage leaves still green on 11/13, short hit 1/2 grown

(CP231x B502A2-113-1)

10,133 ✓

16/11/13 Mex 66 to 72 Adv

B55/20A15-9.

858

CP231 x

9/27 10/6 11/11 (133) 45 0

Taller than others but boy

(CP231x B502A2-113-1)

a few green leaves 11/13

10,142 ✓

16/11/13 Mex 101 to 110

B55/20A15-14.

859

CP231 x

9/23 10/4 11/7 (129) 42 0

short hit, sturdy, a few green

(CP231x B502A2-113-1)

leaves 11/13

10,147

16/11/13

B55/33A19-3.

860

CP231 x

9/25 10/5 11/10 (132) 47 0

Same lodging 11/13. Parts of plot damaged by frost.

(CP231x B502A2-113-1)

10,243 ✓

16/11/13 Mex 169 to 175

Lodging of these plots the after effects of frost only a portion of plots affected by frost, difficult to explain. May have been due to amt of soil moisture.

Diseases

No cop. Plot 857 was interesting for resistance

S1-2 S-Tn 42 577 2308 14.2

$\frac{17}{22}$

14.3 71.4

Segr

MS-1 S-Tn 42 600 2400 14.8

$\frac{15}{22}$

Plot 22
R
penetration

32.9 73.0

MS-1 MS-Tn 42 495 1980 12.2

$\frac{17}{21}$

9.4 71.0

Segr

S-1 S-Tn 42 623 2492 15.4

$\frac{22}{28}$

23.2 72.2

S-1 MS-Tn 40 422 1688 10.4

$\frac{18}{23}$

17.0 69.5

Segr

V = Water uptake in 1956

Lodg

DATES		PLANT HT. (IN.)
HEADING	FULL	
1ST	FULL	RIPE

B55133A19-7,

861 CP231X

F₁(CP231XB502A2-15Y)

Hull 11/13

10,247

9/25 10/5 11/10

(132)

46

0

Rather tall, some lodging 11/13, & some frost damage

B55133A19-8,

862

CP231X

F₁(CP231XB502A2-15Y-~)

Hull 11/13

10,248 ✓

max - 1895 195

9/27 10/7 11/10

(132)

48

0

some frost damage & some lodging 11/13

B55107A2-7,

863

CP231X

(CP231XB502A2-15Y-2)

Hull 11/13

max 20 10,326

✓ good

9/21 10/3 11/6

(128)

44

0

consider lodging & frost damage 11/13.

B55107A4-12.

864

CP231X

(CP231XB502A2-15Y-2)

Hull 11/13

10,347 ✓

max 21 - Taller than 863

9/23 10/3 11/9

(131)

47

0

consider lodging & frost damage

B55107A4-15,

865

CP231X

(CP231XB502A2-15Y-2)

H 11/13

10,350

9/25 10/5 11/10

(132)

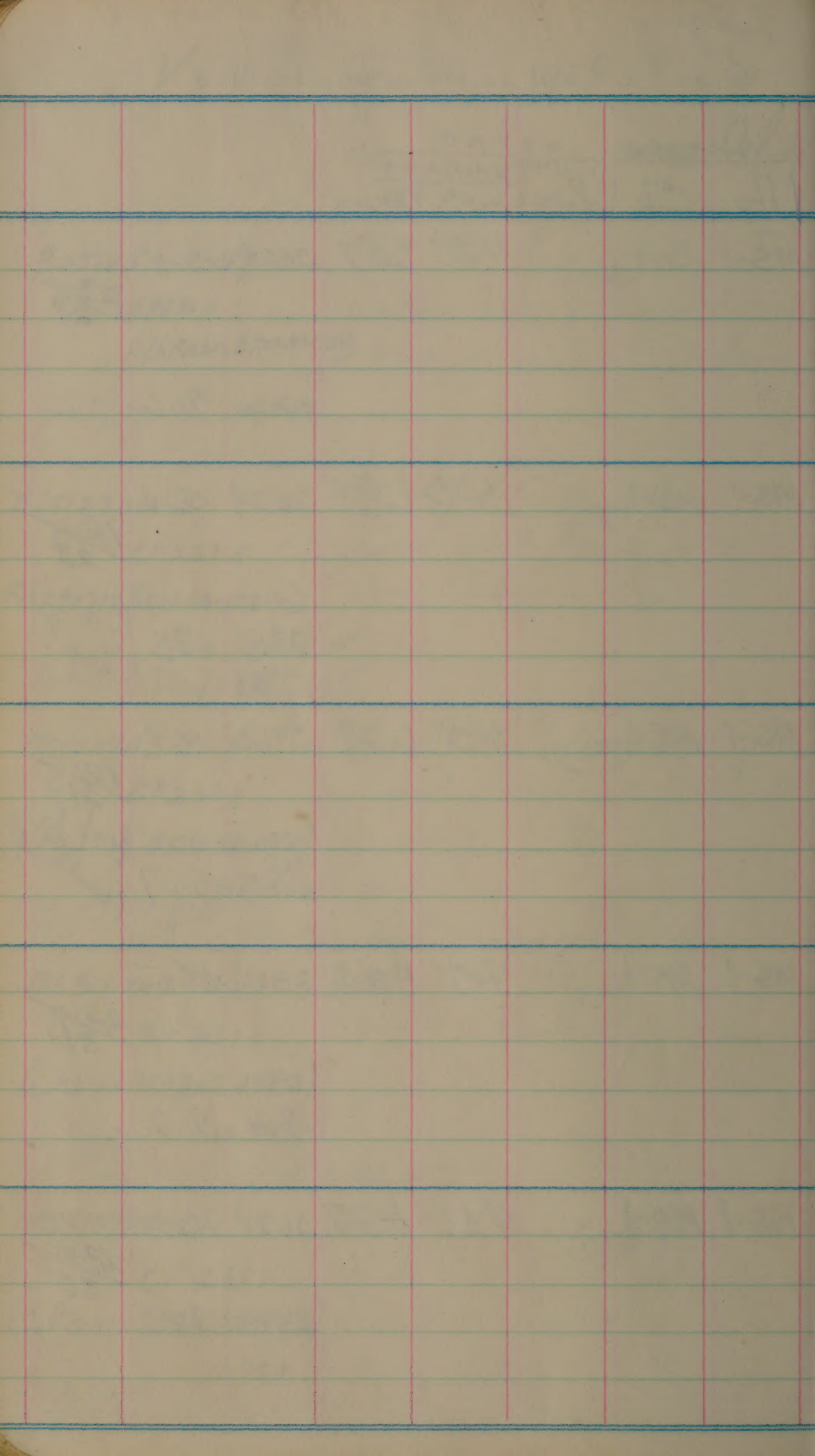
43

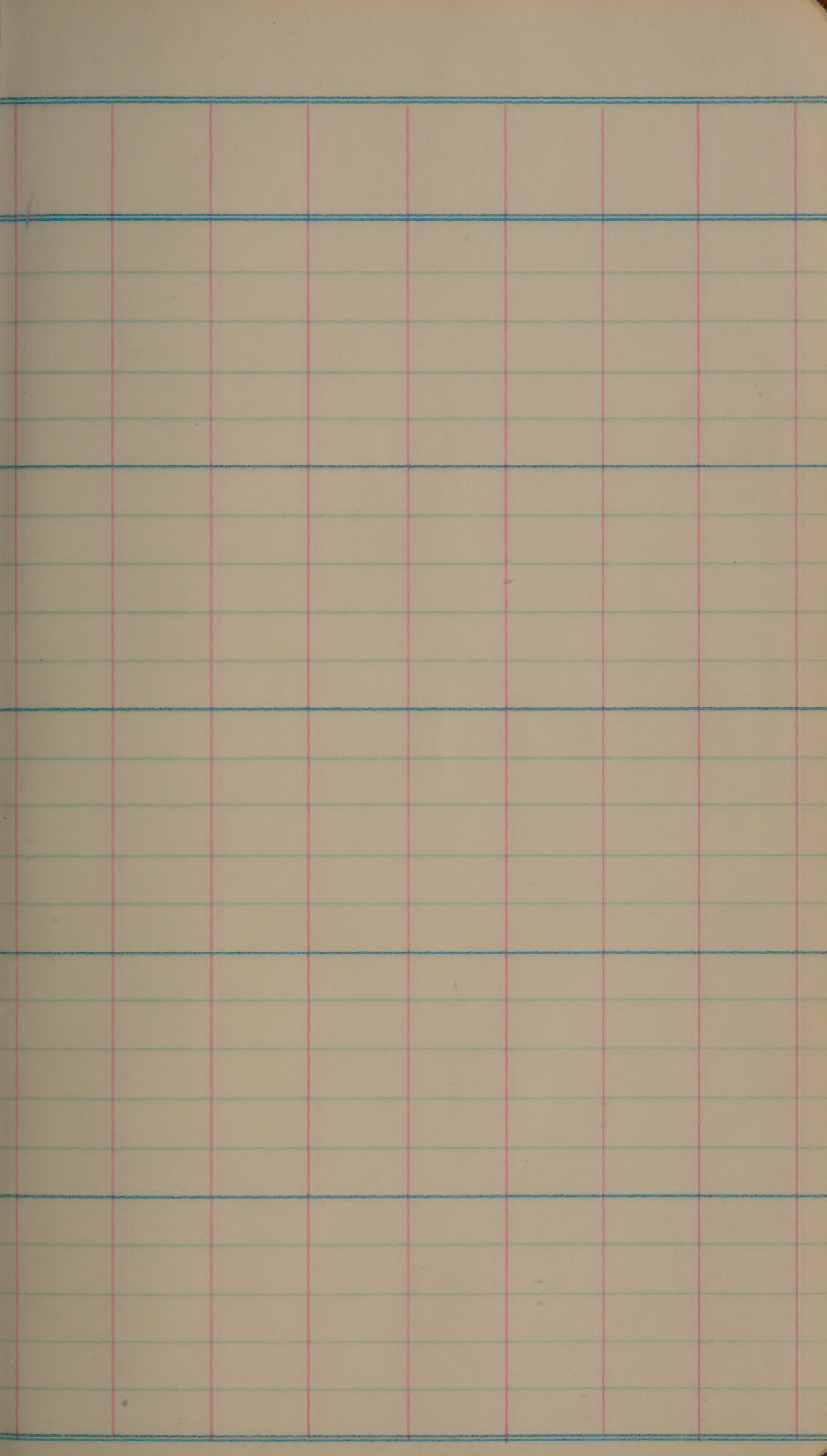
0

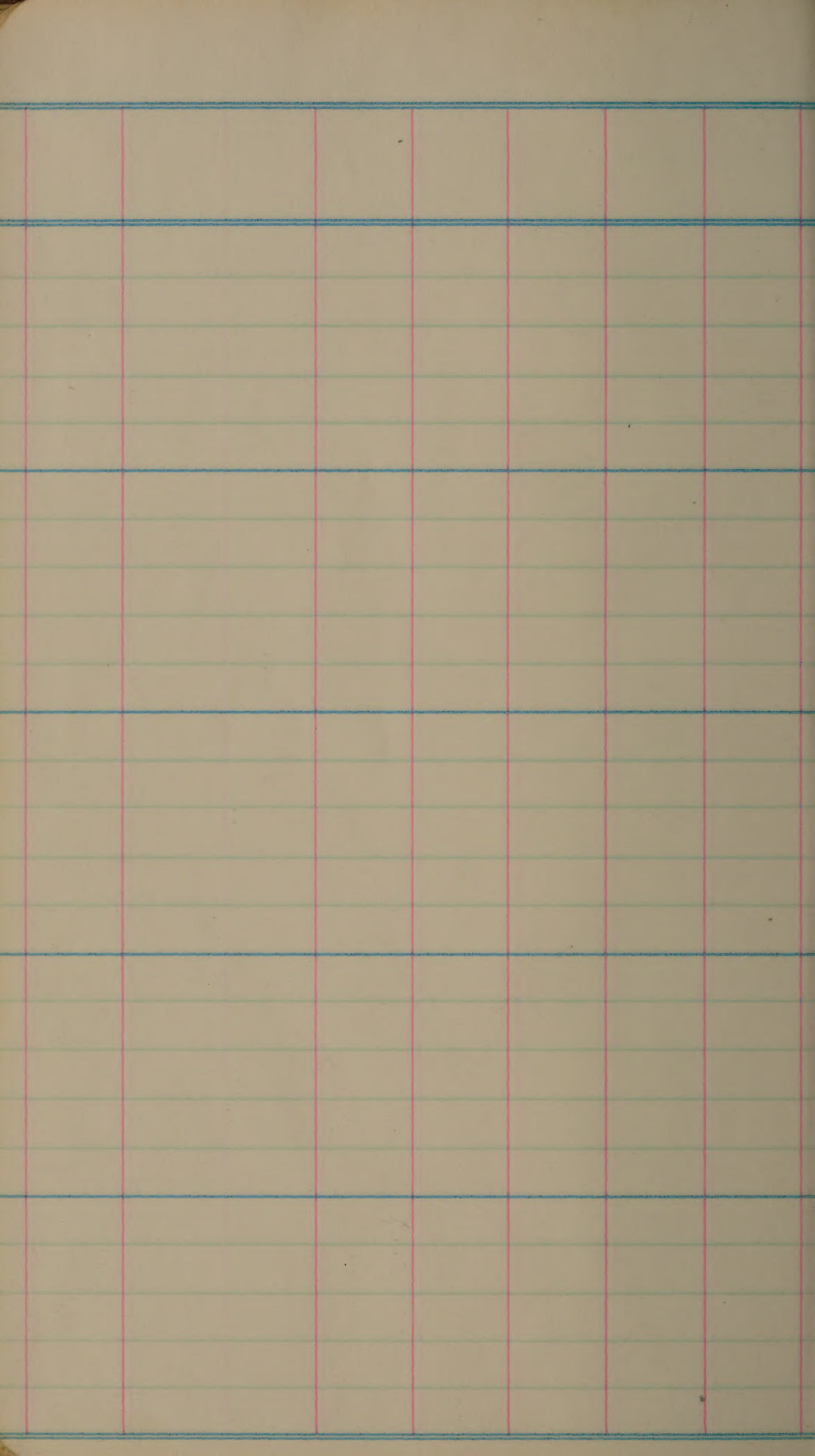
Short ht, consider lodging & frost damage 11/13

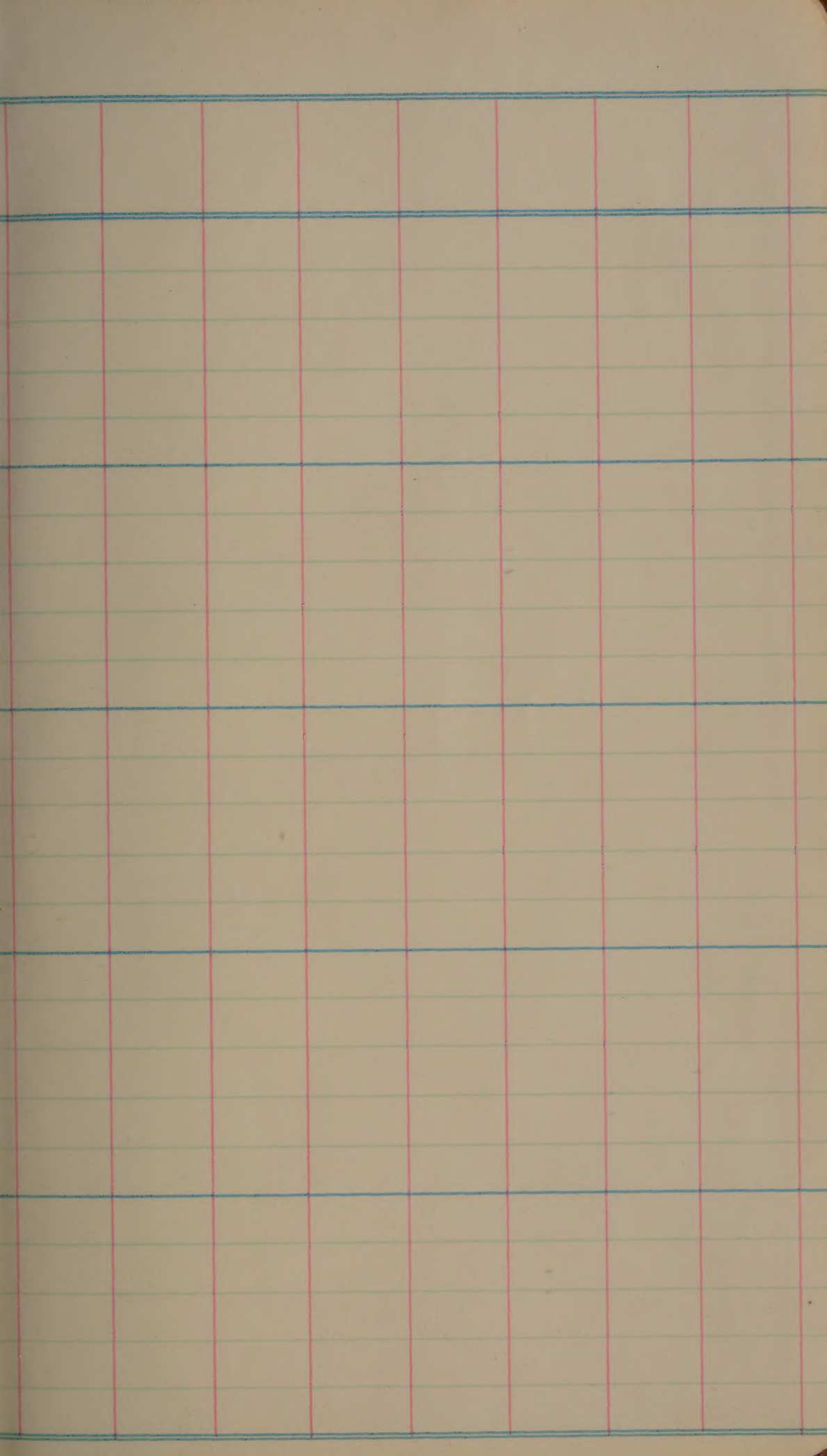
Lodging of these plots after effects of frost. This

Distance		o/p wt.	wt. Grom			
Ho	Co	po				
MS-1	S-1		42	507	2028	12.5
						$\frac{23}{27}$
					18.2	71.6
MS-1	MS-1		40	631	2524	15.6
						$\frac{16}{22}$
					23.8	68.5
						R or leg?
MS-1	MS-1		42	678	2712	16.7
						$\frac{18}{21}$
					11.2	70.7
						Prob R possible?
MS-1	MS-1		42	586	2344	14.5
						$\frac{23}{31}$
					7.4	71.2
MS-1	MS-1		42	657	2628	16.2
						$\frac{22}{30}$
					25.3	70.2









632 (B 56-860) is earlier than B 55-5665 (602)
and only 4 days later than CP 231 for 1st head
602 is 6 days later, after A2-113 lines are
several days later than 602 for 1st head,
except 607 which is also (56-860)

PI-215931 is not in field plots, 20 tall in single
plots (696). 698 (PI-215939) also purple, PI 215936 in
field plots

Cross 718, BB1del with dropping flops with
CP 231. This sel has a rather long peduncle.

Is 670 R to white leaf?

781

782

783

784

785

786

787

791

795

796

797 guard

799

814 guard

815

835

836

839

841

843

851

854

Ripe on 9/16

532
638^v
666
665
664
663

508

711 - 24
725 - 38
739 - 52
753 - 66
767 - 80
781 - 94
795 - 108
809 - 122
823 - 136

842 in 1955

Nov 196
825

Ripe to cut 10/20

507

511

512

515

517

522

530

531

533

534 guard

535 guard

537 guard

538 guard

542 guard

543 guard

544 guard

545 guard

546

547

548

549

551 guard

552

553

554 guard

555

556 guard

557

558

564

565 guard

566

570

574

575

576

577

578

579

580

581

582

583

585

587 guard

588

589

590

592

593

595

597

600

601 guard

603

604

605

606

608

609

610

611

612

613

614

615

621

622

623

624

625

626

628

630

631

633

634

635

1957

WORLD COLLECTION

#1

UNITED STATES
DEPARTMENT OF AGRICULTURE

FIELD NOTES

AGRICULTURAL RESEARCH SERVICE
FIELD CROPS RESEARCH BRANCH
COTTON AND OTHER FIBER CROPS

Duma, 9359
Seydis 1419

9196 one extra
glance

If this notebook is lost, will finder please mail to:

U. S. DEPARTMENT OF AGRICULTURE
Field Crops Research Branch
Plant Industry Station
Beltsville, Maryland

16-61780-2

SUGGESTIONS CONCERNING FIELD DATA AND NOTES

COTTON AND OTHER FIBER CROPS

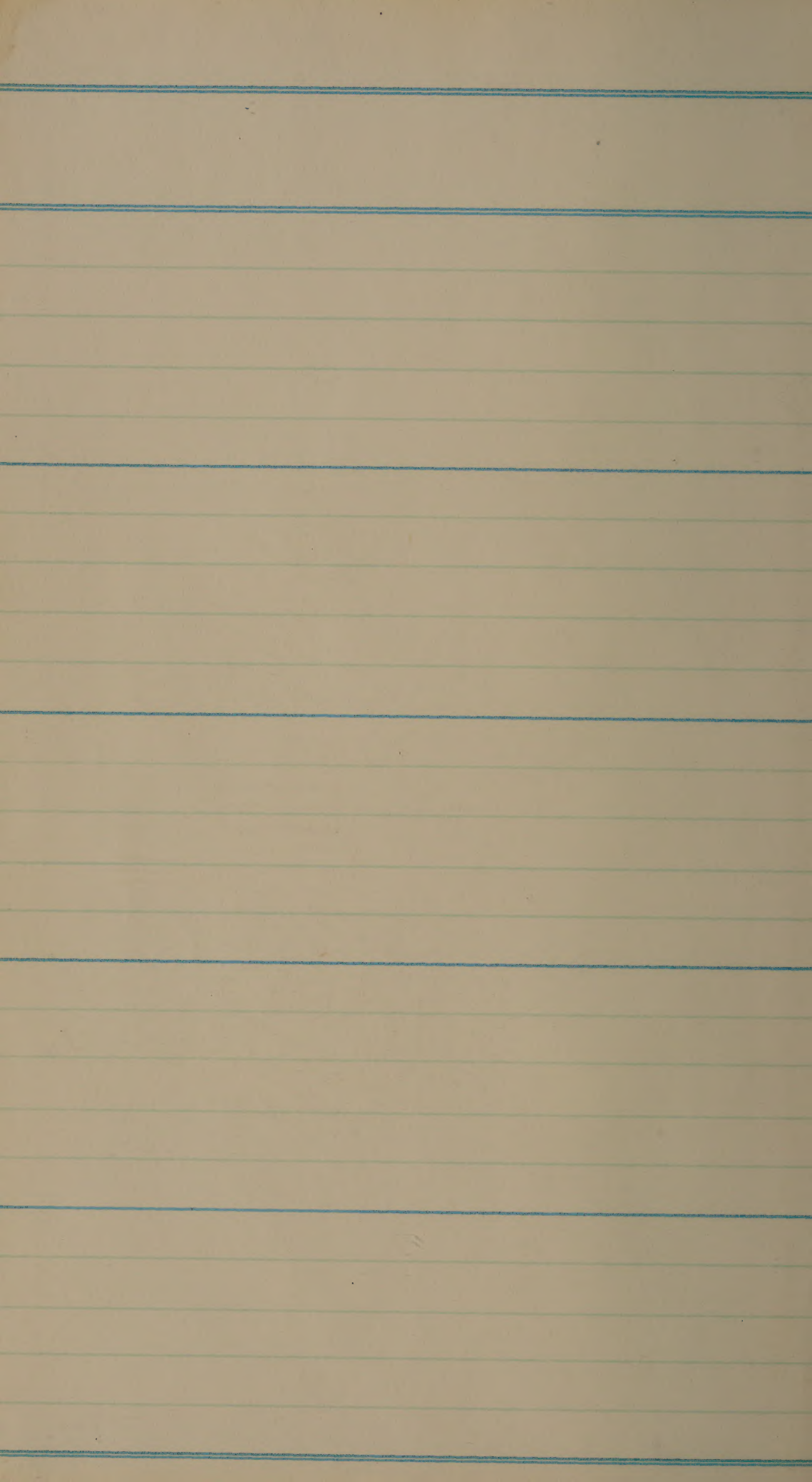
It is suggested that the following general information be recorded for each field experiment:

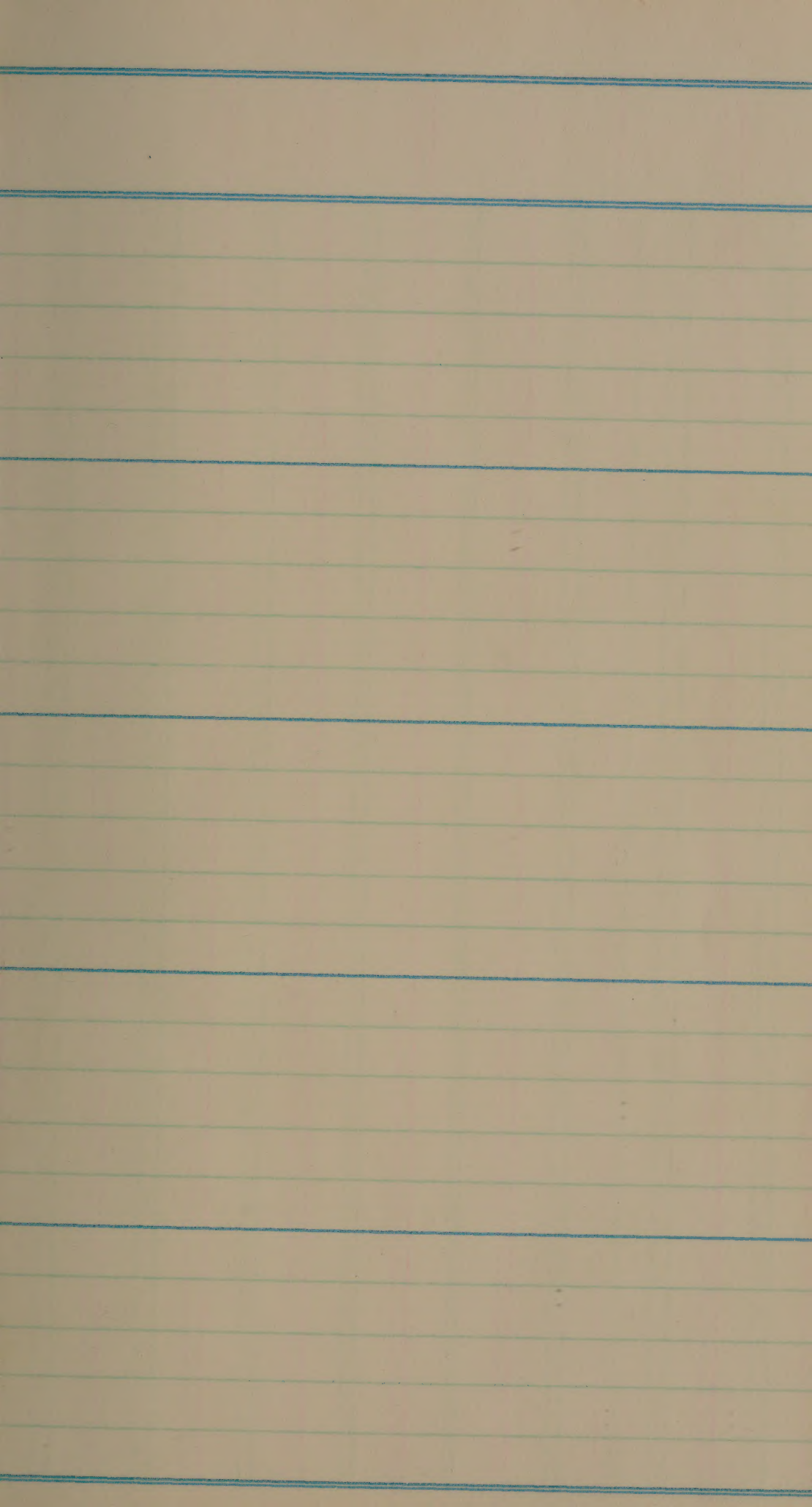
1. Name of experiment or study.
2. Soil type.
3. Previous crops and fertilizers (2 years).
4. Preparation of land: (a) Methods (b) Dates
5. Size of plot:
 - (a) Area in square feet
 - (b) Number of rows
 - (c) Length of rows
 - (d) Width of rows
6. Fertilizer:
 - (a) Pounds per acre
 - (b) Analysis (N-P-K)
 - (c) Time of application
 - (d) Method of application
 - (e) Side dressings
7. Planting: (a) Date (b) Rate (c) Method
8. Thinning: (a) Date (b) Method (c) Approximate optimum spacing attempted
9. Cultivation: (a) Implements used (b) Dates
10. Dates at which all notes and samples are taken.
11. Dates of pickings.

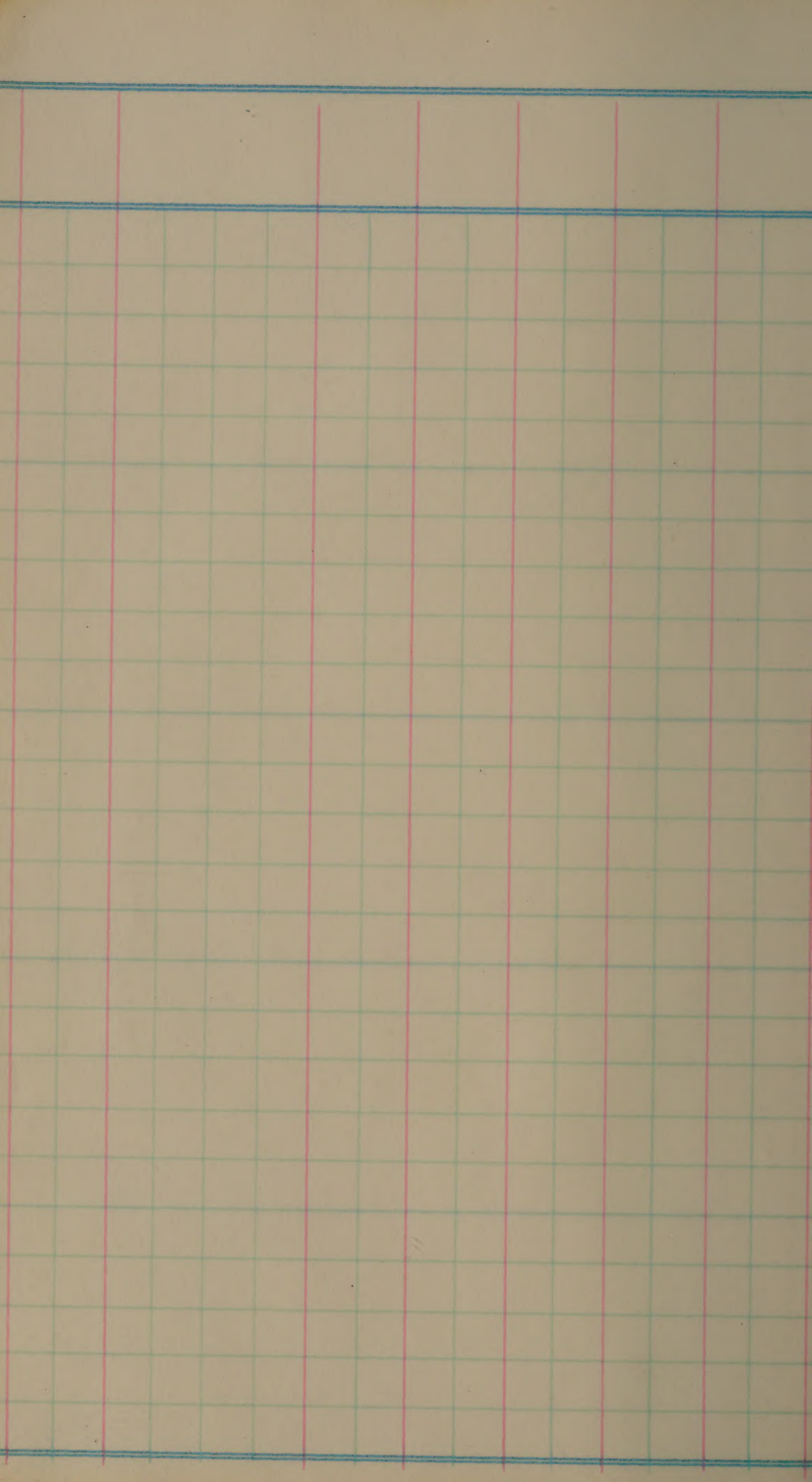
The following suggestions are made in regard to recording data:

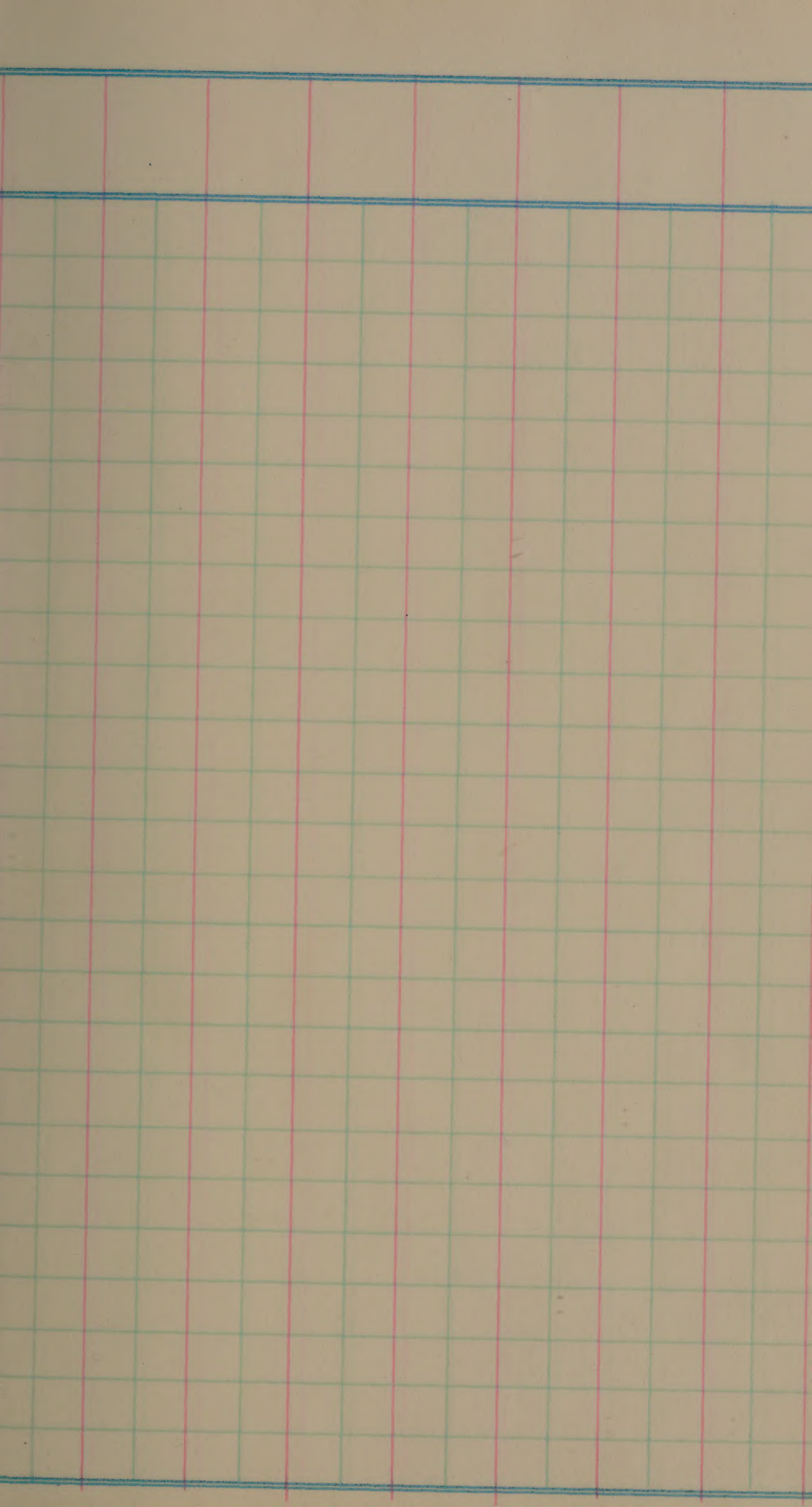
1. Record all dates as figures, giving the month and day of month, as 5/16 (May 16).
2. Record all field weights in pounds and decimal fractions of pounds. The requisite accuracy depends somewhat on the size of sample, but for ordinary size plots 0.1 pound is usually satisfactory. It is suggested that small samples be weighed more accurately (0.01 pound).
3. Estimations, such as seeding vigor, shedding, color, etc., may be recorded either numerically or with letter designations, as is found convenient; for example (seeding vigor), 1=Excellent, 2=Good, 3=Medium, 4=Fair, and 5=Poor; or E=Excellent, G=Good, M=Medium, F=Fair, and P=Poor. An explanation of legends should be recorded for each variable and experiment.
4. Diseases and insect pests.
 - (a) GENERAL.—Attack by diseases or insect pests should be recorded by suitable legends to indicate type of disease or pest, percent of plants killed or affected, and in serious attacks, estimating crop loss. For example, FW *5/35-7. (Footnote* Fusarium wilt 5 percent plants killed, 35 percent affected, 7 percent loss estimated).
 - (b) SPECIAL.—Where the book is used for taking notes on regional field tests on disease resistance, treatments, etc., it is suggested that directions which are furnished for taking uniform data be pasted, or copied, in the front of the book.
5. Diagram, to scale, the block on which each experiment is conducted, showing visible soil differences, variable plant response attributable to soil differences, drainage, or unequal irrigation, slope of land or contours, or any other features which may materially assist in interpreting the results. The square ruled paper in the front of the book may be found useful for this purpose.
6. Explain clearly all legends used.
7. Identify all experiments as to location on blocks and YEAR.

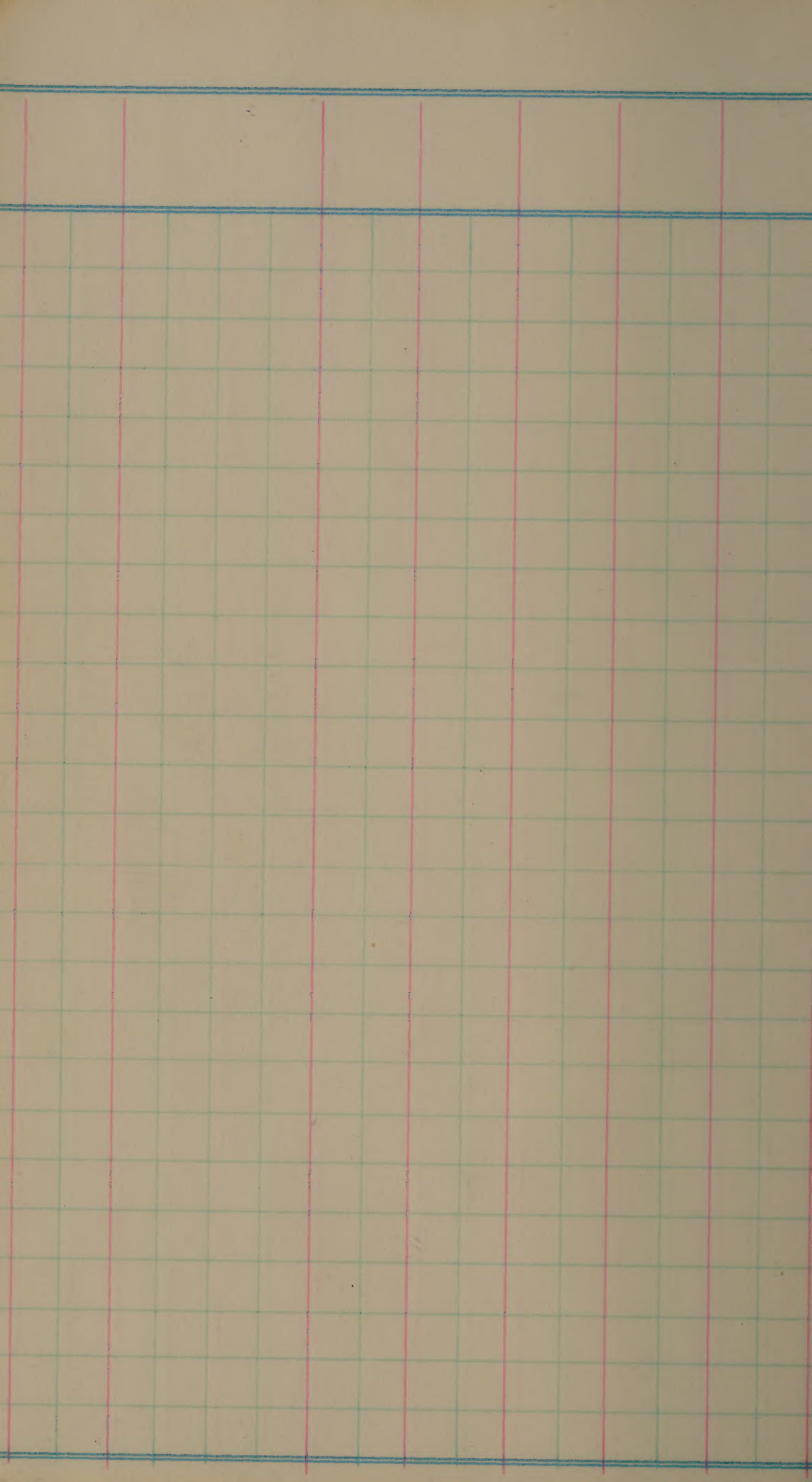
For types of experiments for which this book does not provide ample page space, larger sheets should be utilized. In taking data, which are to be reported in this book, or on larger sheets especially provided, the field or laboratory determination should be written directly at the time of weighing or otherwise determining, and submitted to Washington, or filed as the permanent record. Avoid all possible transcribing or typing of raw data.

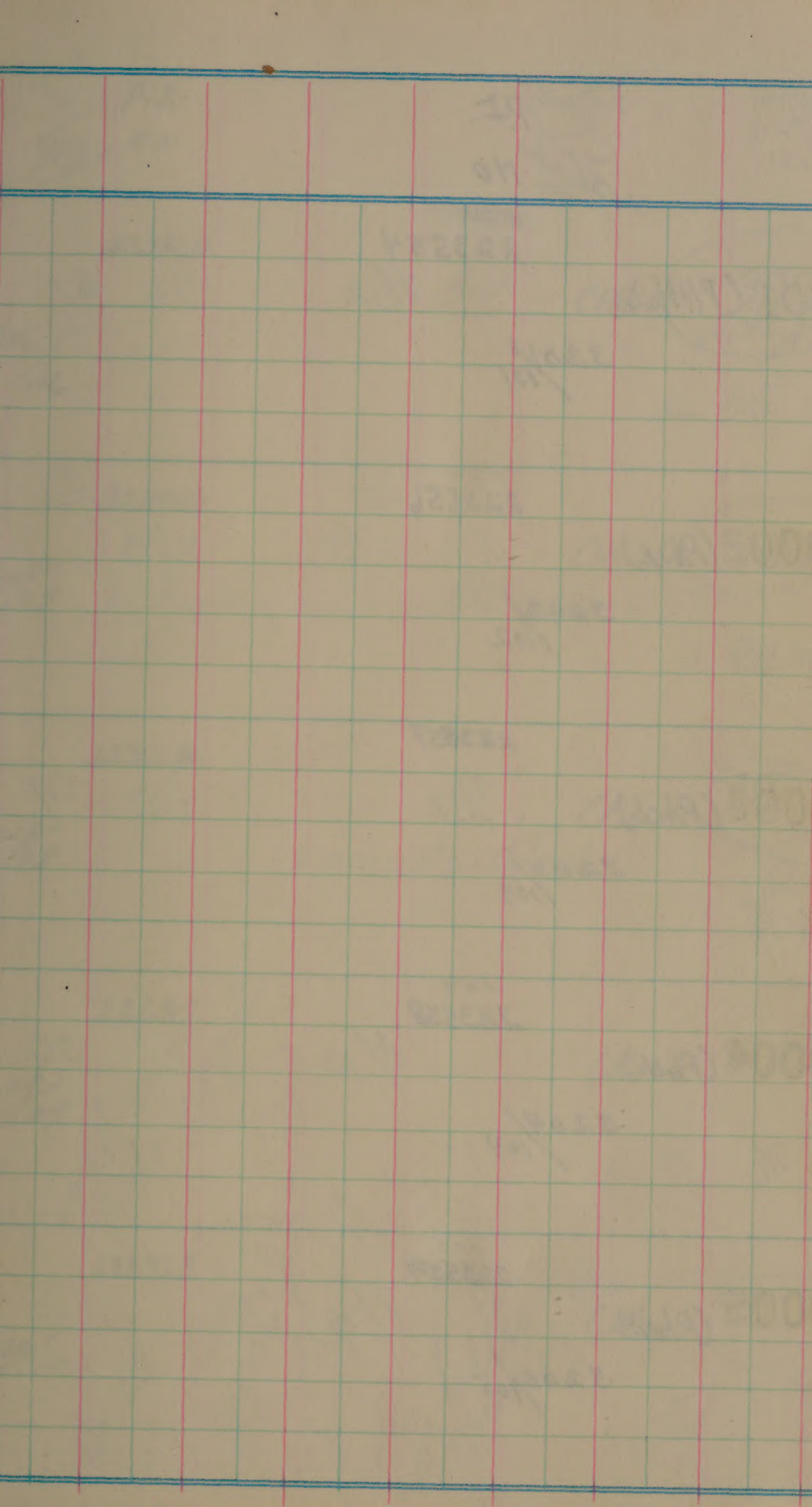












1957
Print
no

Bellville
Entry
no
No

223554

9001 (Phil.)

8/12

108

61

3201/101

223556 8/5

9002 (Phil.)

56

3202/102

No 9/6

223557

9003 (Phil.)

7/31

54

3203/103

No 9/6

223558

9004 (Phil.)

8/10

56

3204/104

No 9/6

223559

9005 (Phil.)

8/10

55

3205/105

Page

Beltville
Entry no
Bunt
Bunt no

P.I.
NO.

1957
Bunt
no

223560

7/29

54

(Ph:1)

9006

Fort type

He 9/6

3206
/106

223561

7/28

8/25 56

(Ph:1)

9007

outstanding second growth grown 1958

He 9/6

3207
/107

223562

8/12

55

(Ph:1)

9008

vs small seeded

raw

3208
/108

226315

(Mex.)

9009

He 11/12

3209
/109

226323

(Mex.)

9010

He 11/14

3210
/110

small rows
could be together
one very tall (60") large
some type 11/5

vs. hulls
not typical together

PI
No.

226352

90118

(Mex.)
 $\frac{3211}{111}$

Her $\frac{11}{14}$

226365

90128

(Mex.)
 $\frac{3212}{112}$

It all now, possibly together
Pipe 11/5

226418

90138

NIRA?
(Mexico)
 $\frac{3213}{113}$

Pan

$\frac{8}{16}$
long, min type, straw smooth
✓ good grain

226423

90148

(Mex.)
 $\frac{3214}{114}$

Pan

$\frac{8}{15}$
med-gr, gold, rough

54

90158

(Mex.)
 $\frac{3215}{201}$

226424 $\frac{7}{28}$
Long grain, rough straw
Hand type grain

$\frac{8}{25}$ 49

16. $\frac{8}{20}$

P.I

No.

226425 7/27 - 8/25 52"

Hard grain like 9015 (Mex.)

9016

3206
202

Ne 9/20

226426 7/28

50

Hard gr. like 9015

(Mex.)

9017

3212
203

Ne 9/6

226428 8/19

gold, med-gr, rough

(Mex.)

9018

3218
204

1 good med-gr. gold bull's, America type

Ne 9/18

226429 8/13

53

gold, med-gr. rough

(Mex.)

9019

3219
205

Ne 9/18

8915 7/25

49 Lacrosse

Smooth med gr,

9020

3220
206

full grain

As Lacrosse

Ne 9/6

P.I.

No.

9021

(Mex.)

$\frac{3231}{207}$

226430

8/10

52

gold, med long rough

9022

(Mex.)

$\frac{3222}{208}$

226431

8/9

55

gold med gr Rough

9023

(Mex.)

$\frac{3223}{209}$

226432

8/10

53

gold med gr Rough

9024

(Mex.)

$\frac{3224}{210}$

226433

8/10

53

gold med long gr, Rough
short beads

Bluebonnet 50

8990

9025

$\frac{3225}{211}$

8/6

55

OK for BBT 50

8/6

P.I.

No.

H.T.

8970 6/12 6/22 7/20 32"

med-gr, rough

(China) 9026

3926
212

spots on grain, straw

Gr. Pan. 8/1

1206 7/24 8/21 54

gold, med-gr, heads short, rough (France) 9027

3927
213

V. good 2nd growth, most early,
a headed med-gr.

Gr. 8/20

1600 7/13 8/23 52

short gr, mottled pr,

(China) 9028

3928
214

headed, rough.

Gr. 8/20

1779 7/15 7/26 62

(U.S.) 9029

3929
301

V. good second growth, nice grain type

Long-gr, med, slender, mottled pr.

Phk. at tip of grain. med 1600 1/25

160391 7/12 8/20 54

med-gr, rough straw

(China) 9030

3930
302

dry field

dry field

Gr. 8/13 water uptake

P.I.

No.

160393 $\frac{7}{9}$ $\frac{8}{12}$ 53

9031 (China)

med-gr. fuel, rough stream
Dry yield

3931
303

2nd
water up
to $\frac{8}{13}$

160399

9032

(China)

med-gr, Malacca, mottled gold
rough.
(Extremely heavy yield)

3932
304

Pan

160400

9033

(China)

med gr, mottled gold furrows
rough.

3933
305

Pan

160402

9034

(China)

med-gr, rust. gold furrows
rough.

3934
306

Pan

160403 $\frac{7}{13}$

$\frac{8}{15}$ 60

9035

(China)

med gr, Malacca rough
stream

3935
307

2nd
water up
to $\frac{8}{13}$

If Red or pr seed cost so noted

P. I

No.

160406 $\frac{7}{12}$ $\frac{8}{15}$ 60
med-gr, Red seed cost (China) 9036
 $\frac{3936}{308}$ full, stem, rough

to $\frac{8}{13}$
2nd year
water kept

160407 $\frac{7}{6}$ $\frac{7}{17}$ $\frac{8}{2}$ 44
med gr. gold furrows, (China) 9037
 $\frac{3937}{309}$ full, rough
to $\frac{8}{11}$

160410 $\frac{7}{10}$ $\frac{8}{16}$ 52
med-gr, full, stem, (China) 9038
 $\frac{3938}{310}$ rough,
V. long yield lodged
to $\frac{8}{13}$
2nd year
water kept

160412A $\frac{8}{11}$ 46
short, full, stem (China) 9039
 $\frac{3939}{311}$ rough day type
to

160413 $\frac{7}{9}$ $\frac{8}{13}$ 53
med-long stem, rough (China) 9040
 $\frac{3940}{312}$ m pr tips
V. long yield
to $\frac{8}{13}$
2nd year
water kept

P.I
NO.

9041

160417 7/26

8/25 55

(China) med-gr, straw, npr tips,
rough tip awns

3941
313

He. 8/13

lodged

9042

160418 7/15

8/16 54

(China) med-gr, straw, npr tips,
rough, tip awns.

3942
314

2nd yr
water uptake
1/15

high yield

9043

160419 7/5

7/17

8/5 38

(China) short grain, straw, rough

3943
401

He. 8/11

lodged

9044

160425 7/10

8/15 57

(China) med-gr, straw, rough

3944
402

npr tips,

8/13
2nd yr
water uptake

lodged

9045

160426 7/4

8/21 59

(China) med-gr, rough, straw,

3945
403

tip awns,

He. 8/13

lodged

P.I

No.:

160449 7/16

8/20 70

Sh med-gr, full, rough (China)

9046

3946
404

brn furrows, tip awns

red seed coat.

lodged

br. 8/13

160461 7/14

8/18 55

med gr. full, rough

(China)

9047

3947
405

Br. furrows,

lodged

br 8/13

160489A 7/15

8/23 57

Sh med gr, mottled br furrows (China)

9048

3948
406

rough,

lodged

2d line
water
br. 8/13 up to

160496 8/28 7/6

8/13 41"

Sh gr, V full, straw

(China)

9049

3949
407

rough,

br. 8/1

7787 7/26

8/21 51

V. good seed growth

(U.S.)

9050

3950
408

Length gr. - OK. for Length

br. 8/20

Started checking glut at 9050.

P.I.
NO.

9051 (China)

Grain
Water uptake
3951
409
Ker 7/6

160509 7/16

54

seg.
sh-gr, straw pt tips
red heads, rough, glut.

9052 (China)

3952
410

Ker. 8/1

160519 7/9

7/17 8/

52

sh-med gr, mottled Buck Red
hills, rough, m. tips,
lodging glutinous

9053

(China)

3953
411

Ker. 8/20

160526 7/26

8/26 61

med-gr, full, rough, straw,
tip awns, glut.
lodged

9054

(China)

3954
412

Grain
8/20

160535 7/7 Segs

Short gr, rough, bearded
straw

9055

(China)

3955
413

Grain
8/20
Grain
Water uptake

160541 7/26

8/24 49

full med-gr, straw, rough
glut.

P.I

No.

160562 8/1 66"
sh med-gr, rough (China) 9058
pr tips, common

3956
414

Ku 9/6

160566 7/2 7/9 8/4 43
sh-gr, glut, rough (China) 9057
straw, pr. tips.

3957
501

Ku. 8/1

160576
1/29 7/7 48 (China) 9058
med-gr med slender, rough, pr 8/1
common, straw

3958
502

160582 7/10 8/13 56
sh-med gr. full, straw, (China) 9059
rough, common,

3959
503

Ku 8/13

160598 7/23 8/14 65
med-gr, rough, straw, (China) 9060
pr. tip. common,
heavy yield

3960
504

Ku. 8/1
Sodine
Water
up to 10"

P.I

NO.

9061

(China)

160601 7/16

8/15 59

med-gr, rough, brown fur.

upper tips, common

3961
505

lodgepole
V long yield

9062

(China)

160615 7/3 7/13 8/5 43

sh-gr, full, upper tips,

stem, rough, common

3962
506

He. 8/1

9063

(China)

160635 7/8 7/17 8/10 58

sh med-gr, rough, stem,

upper tips, common

3963
507

He. 8/13
Jodine
Watneytaka

9064

(China)

160636 7/25

8/20 64

sh-med-gr, stem, rough,

common, lodgepole

3964
508

He. 8/13

9065

(China)

160640 7/4 7/15 8/6 53

med-gr, rough, brown furrows

common, lodgepole

3965
509

He. 8/1

P.I.

No.

160643 8/21

3966
510

sh-med gr, mpr hulls. (China) 9066
rough, pr. seed coat, glut par

160645 7/5 7/16 8/12 48

3967
511

med-gr, m sl., rough, (China) 9067
straw, common

Lodging

Hu. 8/1
Dodgey
water uptake

160654 8/12

3968
512

sh. gr, full, straw, (China) 9068
rough, common par

160666 7/6 Sep

3969
513

sh. gr. m full, straw, (China) 9069
pr. tips, tip awns to sh. heads, rough,
common.

160667 7/14

8/19 61

3970
514

med gr. m sl. straw, (China) 9070
rough, pr tip, common

Lodged

Dodgey
water uptake
Hu. 1/13

P.I.

No.

9071

(China)

3971
601

160670

7/22

med-gr, slender, l brown furrows,
rough, common,
long slender grain

2nd line
water uptake

9072

(China)

3972
602

160691

med-gr full, sh heads,
rough, common

not the "25"

9073

(China)

3973
603

160698

8/4

49

sh-gr, sh full, straw,
rough, common.
very heavy yield

9074

(China)

3974
604

160700

8/13

63

med-gr, M slender, light to mottled
furrows, pr. type, common

9075

8993

7/26

53

long, slender gold, smooth
common, good shape

3975
605

16 9/6

P.I.

No.

160702 7/29

55

sh-gr, rough, straw, (China)

9076

3976
606

common

160730 7/29

52

med shot gr, straw, rough, (China)

9077

3977
607

common

heavy yield

lost & waiting
the 7/6 up to

160757 8/10

57

short-gr, straw,

(China)

9078

3978
608

rough, common

pan

160764 7/7 7/16 8/3 46

short-gr, m pr hulls, (China)

9079

3979
609

rough, Red seed coat,
common

No. 8/1

160774 7/24

8/22 57

sh med gr, full, straw & m (China)

9080

3980
610

patchy dark brown ferrugine on same pan, rough
in tip common lodged
dry yield.

No. 7/20

P.I

No.

9081

160773

8/19

65

(China)

med-gr, rough, pr tips,
Common, stream

3981
611

16 9/6

9082

160776

7/22

8/20 58

(China)

Stemmed-gr, full, rough, brownish
red furrows, common

3982
612

16 8/20

160790

8/18

9083

(China)

Sh-gr, med full, stream, rough
Red tips, (few red awns)
Common

3983
613

9084

(China)

160794

7/29

8/27 46

Sh gr, full, stream, rough,
Common,

3984
614

16 9/6

9085

(China)

160806

7/29

46

Sh-gr, stream, pr tips,
few tip awns, rough, common

3985
701

16 9/6

P.I.

No.

160810 7/16

46

sh-gr, rough, straw, (China) 9086
bearded, pr tips, common

3986
702

1 lb 9/6

160825 7/7 7/17 8/15 50

med-gr. full, rough, (China) 9087
straw pr tips & pr awns,
glut.

3987
703

1 lb 9/13

160838 7/9

54

Short med-gr. full, straw (China) 9088
to faint red hulls, mpr tips, red beards,
fully bearded, common, rough 1 lb 9/6
heavy yield

3988
704

160862

7/29

43 (China)

9089

sh-gr. full, light mpr hulls, rough
short pr beards, pr tips, glut. 1 lb 9/6

3989
705

160871 7/12

8/15 47

sh-med-gr. full, reddish gold (China) 9090
pr tips & tip awns which are pr.
rough, glut.

3990
706

1 lb 4/13

P.I.

No.

9091 (China) 160887 $\frac{7}{13}$ $\frac{7}{14}$ 55
med-gr rough. straw to
log 3991
construct 707 patchy mottled hulls, pr tips,
h. $\frac{7}{13}$ sledged tip aware.

9092 (China) 160890 $\frac{7}{30}$ 60
sh-gr, full, mpr hulls,
3992
708 rough, common, pr tips
h. $\frac{9}{16}$

9093 (China) 160895 $\frac{7}{14}$ $\frac{7}{13}$ 49
med-gr. patchy mpr hulls,
3993
709 pr tips, rough,
h. $\frac{7}{13}$ seg. glab & common

9094 (China) 160904 $\frac{7}{29}$ 55
sh gr. full, mpr hulls-
3994
710 wrinkled grain rough,
Rex $\frac{1}{25}$ could this be sugary character?
only 2 plts.
not h. $\frac{1}{25}$

9095 (China) 160962 $\frac{7}{26}$ 63
sh gr, full, rough, straw,
3995
711 pr tips, common
seg.

P.I.

No.

160995 7/12

8/23 53

med-gr, rough, straw (China)

9096

3996
7/12

pr tips, Red seed coat, common

Lodging

16a 9/20

160995 7/5

(no type in orig. env.) (China)

9097

3997
7/13

A = long gr, slender, light m. hulls, smooth, common

B = med gr, full, str. hulls, mpr tip, short head, common

grow A & B mt.

161002 7/10

8/18 58

med gr, Brown hulls, sl mottled (China)

9098

3998
7/14

rough, common

heavy yield

Lodging

16a 9/13

161013 7/6

8/14 56

med-gr, straw, rough, common (China)

9099

3999
801

mixture

orig. envelope contained a lodging m. 8/13

mixture but mottled hulled Red seed coat type discarded

1561-1 7/28

53

9100

4000
802

8/21 Lodging

sh-gr, rough, straw, common m. 9/6

few short awns.

P.I.

No.

161022

9101

(China)

$\frac{4001}{803}$

161022 $\frac{7}{5}$

$\frac{8}{15}$ 55

med-gr, straw, rough, glut.
pr tips, few tip awns.

He. $\frac{8}{13}$

9102

(China)

$\frac{4002}{804}$

161026 $\frac{7}{14}$

$\frac{8}{16}$ 56

Long-grain, full, straw
rough, glut

He. $\frac{8}{10}$

9103

(China)

$\frac{4003}{805}$

161032 $\frac{7}{6}$

Long

med-long grain, straw, rough,

Common

not He. $\frac{1}{25}$

9104

(China)

$\frac{4004}{806}$

160637 $\frac{7}{7}$ $\frac{7}{16}$ $\frac{8}{10}$ 52

Long

med-gr, full, rough, brown

He. $\frac{8}{1}$ furrows, red seed coat, common

9105

(China)

$\frac{4005}{807}$

161045 $\frac{7}{29}$

60

sh-gr, smooth, mpr-hulls,
short red awns, red seed coat,
common.

He. $\frac{9}{6}$

P.I.

No.

161046 7/16

8/25 63

(China) 9106

4006
808

med-gr, straw, rough, pr tips, ^{lodged} ^{water uptake}
Red seed coat, Common ^{be 8/20}

161057

6/27 7/6

7/30 48" (China) 9107

4007
809

^{lodging} med-gr, rough, Buck Red hull & l. mottled,
Common, Light Red seed coat ^{be 8/20}

161082 7/27

8/25 66

sh-gr, straw, rough, long (China) 9108

4008
810

autoglumes, common

^{lodged}

^{lod} ^{water uptake}
^{be 8/20}

161562 7/15

8/23 60

sh med gr, V full, straw (Venezuela) 9109

4009
811

rough, common

Looks like US upland from Colombia

^{lod} ^{water uptake}
^{be 8/20}

161567

8/12

62

heavy yield (Venezuela) 9110

4010
812

Long gr, med slender, rough, straw, common

pr tips, BBT grain type
V good shape

^{lod} ^{water uptake}
16 7/6
Bmt.

P.I.

No.

- 9111 (Japan) 162083 7/28 50
4011
813 sh & med grain types, (segr)
sham, rough, common
segr. short awns & awnless,
A = short B = med.
- 9112 (Japan) 162089 7/30 42
4012
814 sh-gr, rough, sham, common
heavy yield
- 9113 (Japan) 162100 8/14
4013
901 sh-gr, rough, sham, common
heavy yield
- 9114 (Japan) 162109
4014
902 Segmat
sh-gr, rough, sham, common
- 9115 (Japan) 162149 7/8 segr.
4015
903 sh-gr, rough, sham, common
segr. awnless & short awns,
discarded med gr type.

P.I.

No.

162161

$\frac{7}{1}$ $\frac{7}{9}$ $\frac{8}{1}$ 46 (Korea) 9116

$\frac{4016}{904}$

No. $\frac{8}{1}$

Sh gr, rough, straw, awned. common

162162

$\frac{1}{25}$ $\frac{7}{3}$ $\frac{8}{1}$ 40 (Korea) 9117

$\frac{4017}{905}$

No. $\frac{8}{1}$

Sh gr. full, straw, rough, common

162167

$\frac{7}{9}$

$\frac{8}{16}$ 54

(Korea) 9118

$\frac{4018}{906}$

Sh-gr, straw, rough bearded, common

belting & bearded No. $\frac{8}{13}$

162173

$\frac{7}{6}$

$\frac{7}{11}$

$\frac{8}{12}$

48

Sh gr ^{full} ~~supr~~ over brown (Korea) 9119

$\frac{4019}{907}$

furrow, rough, glut,

No. $\frac{7}{13}$

162177

$\frac{7}{28}$

54

(Korea) 9120

$\frac{4020}{908}$

Sh gr, straw hulls, rough, & short awns
Common

No. $\frac{9}{6}$

P.I.

No.

9121

162187

7/25

57

(Korea)

1/2 good second growth.

$\frac{4031}{909}$

sh-gr. stem, rough, bearded,
heavy yield lodging Common

9122

162194

7/25

63

(Korea)

$\frac{4022}{910}$

1/2 9/6

med-sh gr, stem, rough, long glumes, common

9123

162195

7/6

8/18 54

(Korea)

Two types

$\frac{4023}{911}$

A = sh gr, rough, bearded; stem ^{mp} tips common
B " " " mp ^{tips} tips common

9124

162230

7/25

40

(Korea)

$\frac{4024}{912}$

1/2 9/6

sh-gr. rough, stem common

9125

(U.S.)

8990

55

$\frac{4025}{913}$

OK for BB 50

1/2 9/6

P.I.

No.

162261 7/7 8/15 55

v. good second growth

(Korea) 9126

4026
914

sh-gr - full, straw, rough, mpr tips, short awns, Common ^{lodged} ^{be. 8/20}

162292 8/1

44

(Korea) 9127

4027
115

sh-gr, straw rough, common, awnless ^{be. 9/6}

162308 7/28

44

(Korea) 9128

4028
116

sh-gr, straw, rough, awnless, common ^{be. 9/6}

162318 7/8

8/18 39

(Korea) 9129

4029
117

sh-gr, straw, rough, mpr tips, common ^{be. 8/14}

175026 7/15

8/20 60

(India) 9130

4030
118

med-gr, rough, black hulls. Red seed coat ^{foot water} ^{water}
common, awnless. ^{be. 8/20}

very heavy yield

P. I.

No.

197393

8/17

9131

(Japan)

4031
119

Sh-gr, rough, stem, awnless,
common

197397

7/8

8/20 44

9132

(Japan)

4032
120

Sh-gr, stem, rough tip tips,
awnless, common

197611

9133

(India)

4033
121

V. long slender rough
tip awns, common
not like 1/3 V late

1344

62

9134

(Samoa)

4034
122

Fortuna, O.K.

9135

(U.S.)

4035
123

7787 7/26

8/21 50

Excellent second growth
OK for Length

No 8/20

P.I. 1st
No.

Rye

8670 7/5

8/13 48

(Luzon) 9136

4036
124

Sh med gr. full, straw, awns, common, rough. 8/13

8699 7/6

8/13 40

(Korea) 9137

per 8/1

4032
125

Sh med gr. 1/2 full, straw, few tip to awnless, Ke.
Common, rough.

8915 8/21

(Siam) 9138

4038
126

long, slender gr. stem rough, tip awnless. common
mid/bc. 25

8951 7/28

6/1

(India) 9139

lodging up to 10

4039 127 med-gr, rough, straw, Red seed coat common

Sowed 1 non Red
heavy yield

lodging

per 7/6

8957 7/15

8/14 44

(China) 9140

4040
128

Sh med gr, straw, rough, short awns, common
lodging
Ke. 8/13

P.I.

No.

8945 7/25

8/16 5/

9141

(Siam)

lod up to
up to

4041

215

No 8/13

med-gr. rough straw common
Looks like Tenet grain

9096 8/21

9142

(China)

4042

216

Long sh grain, rough straw tip awns
not too $\frac{11}{25}$ common.

160391 7/15

8/16 56

9143

(China)

lod up to
up to

4043

217

No. 8/13

lodged
med-gr. med sh, straw rough, awnless
common

160405 7/12

8/14 52

9144

(China)

lod up to
up to

4044

218

No. 8/13

very heavy yield
lodged
med gr, straw rough, common, awnless.

160408 7/10

8/10 59

9145

(China)

4045

219

No 8/13

lodged
sh-gr, straw, rough, awnless, common

P.I.

No.

160415 7/10

8/14 55

(China)

9146

4046
220

heavy yield

lost water uptake

med long / med sl, straw rough, common awnless

lodged

16 8/13

160416 7/17

8/21 62

(China)

9147

4047
221

lost water per 8/20 up

16cc

med long / med sl, straw rough, awnless, common

160424

(China)

9148

4048
222

very heavy yield

lost water per up

med gr, brown mottled furrows, rough, awnless, common

160425 7/9

8/12 55

(China)

9149

4049
223

med gr, straw to faint mottled gold

lost water up

med gr, straw, rough, pt tips, common, awnless

lodged

16 8/13

160434 7/22

8/20 63

(China)

9150

4050
224

long, med sl, straw rough, common, awnless

lodged

16 8/20

lost water up

P.I.
No.

9151 (China)
4051
225

160458 7/17

8/24 63

Med gr, rough, straw to faint patchy brown, common awnless

9152 (China)
Dead water up 4052
226

160460 7/17

8/18 60

Long med slender, straw rough, common awnless

9153 (China)
4053
227

160464

Med gr. med sl, straw, rough, awnless
not like $\frac{11}{25}$ common

9154 (China)
Good water up 4054
228

160468 7/28

5/

Med 9/6 long grain slender, smooth gold, common
Very good BBT grain type

9155 (China)
4055
315

160490 7/27

9/1 45

very heavy yield

Sh gr, full, light gold mottled funaria, rough
bearded, common

P.I.

No.

160493 7/15

8/18 57

(China) 9156

4056
314

lodged
Shd gr, straw, sh brown mottled, rough No. 8/13
Common, awnless

160499 7/27

8/26 63

(China) 9157

4052
317

lodged + bark (No. 8/20)
Med gr, rough, straw, awnless, Red seed coat, Common

160500 7/23

8/25 64

(China) 9158

4052
318

Med gr, straw, rough, pt tip,
Red seed coat, Common, awnless

160511 7/17

8/15 58

(China) 9159

4059
319

Sh gr, mottled brown (patchy) funous, rough No. 8/13
Common, awnless

8970 6/12

33"

(China) 9160

4060
320

Med-gr, rough, full, Common
pt tips, awnless

7 per 8/1

P.I.

No.

9161

(China)

4061
321

160514

7/6

8/10 50

16. 8/13 med long, med slender, straw, rough, pr tip,
few tip awns, Common

9162

(China)

4062
322

160516

7/10

8/10 58

Good water up
16. 8/13 med gr, straw, rough pr tips awnless,
Common. heavy yield

9163

(China)

4063
323

160517

7/4

52

Good water up
Pan 8/1
16. med long gr med slender, straw, rough, pr tips,
few tip awns, Common

9164

(China)

4064
324

160518

7/3

52

Good water up
Pan 8/1
16. ? med gr med slender straw, rough,
pr tips, tip awns, Common

9165

(China)

4065
325

160537

1/8

Pan
short, straw, rough, few short awns,
pr tips, glutinous.

P.I.

No.

160591 7/6

8/

52

(China)

9166

4066
326

Sh grain, straw rough, awnless, common

160598 7/15

8/8 4/1

(China)

9167

4062
327

med-gr, str to faint mottled brown hulls, rough
pr tips, awnless, common

160601 7/25

8/25 59

(China)

9168

4068
328

med-gr, full, brown furrow, rough,
pr tips, awnless, common

160611 7/4

8/5 51

(China)

9169

4069
415

med long, straw, rough lodging Hb. 8/1
pr tips, few tip awns, common

160614 7/4

8/3 41

(China)

9170

4070
416

sh gr, straw, rough, pr tips, tip awns, common

Hb. 8/1

P.I.

No.

160628 $\frac{7}{12}$ seg $\frac{8}{21}$ 64

9171 (China) Orig sample seg as below

$\frac{4071}{417}$

No. $\frac{8}{5}$ A med gr, Common Red seed coat straw, awnless
B " glut, straw. non red seed coat

160635 $\frac{7}{10}$ $\frac{8}{15}$ 59

9172 (China)

$\frac{4072}{418}$

No. $\frac{8}{14}$ Sh med gr, full, straw rough, pr tip
common, Awnless.

160643 $\frac{8}{26}$

9173 (China)

$\frac{4073}{419}$

Sh med gr, mpr over gold hulls, glut,
pr seed coat, maybe seg rough smooth
not No $\frac{1}{25}$

160646 $\frac{8}{20}$

9174 (China)

$\frac{4074}{420}$

Pow Sh gr, straw, rough, ~~common~~ glut, few short
awns.

160648 $\frac{7}{7}$ $\frac{8}{14}$ 45

9175 (China)

$\frac{4075}{421}$

No. $\frac{8}{14}$ Sh gr., straw, rough, pr tip, glut.

P.I.

No.

160649

48

(China)

9176

4076
422

sh. gr., straw, rough, common

160658 7/26 Leg?

(China) 9177

4072
423

Med-gr. straw to patchy brown, rough, few
tip aune, common.

Penn

160661

67

(China) 9178

4078
424

sh. med-gr., straw patchy brown, rough, Penn
few tip aune, common.

160668 7/9

8/10 51

(China) 9179

4079
425

A. sh. gr. straw, rough, pi. tip common.

B. sh. gr. straw, rough, few tip aune, 1 lb 8/14
glut.

160683 7/16

8/18 59

(China) 9180

4080
426

slender

Med-gr., straw, rough,
pr. tip, common

looked

Ku 8/14

P.I.

No.

160685 7/3 40

9181 (China)

4081
427

He 8/1

sh. gr., straw to mot. pr., pr. glumes,
pr. tip, pr. head, common, rough

160693 7/6 22 46

9182 (China)

4082
428

Good state
up

He 8/20

v. good second growth
very small seeded
sh. gr., straw, rough, pr. tip,
few tip aurs, common.

160694 60

9183 (China)

4083
515

Pan

sh. gr. straw, rough, tip aurs,
common.

160696 7/5 20 53

9184 (China)

4084
516

Good
weather up

He 8/20

v. good second growth

sh. gr., straw, rough, pr. tip, few
tip aurs, common

8990 57

9185 (U.S.)

4085
517

Pan

lg. gr. slender, straw, smooth, few
tip aurs, common.

P.I.

No.

160703

8/19

(China) 9186

4086

518

sh. gr., straw, rough, pr. tip,
reddish brown glaucous, common.

Pan

160719

7/3

8/8

56

(China) 9187

4087

519

med lg. ^(medium slender) straw, rough,
pr. tip, few tip awns, common

Good water up

lodging. H. 8/1

160726

7/28

8/30

64

(China) 9188

4088

520

med gr., straw, rough,
pr. tip, few tip awns, common

the lodged

Pan.

160743

7/28

8/29

46

(China) 9189

4089

521

sh. gr. straw, rough, common
heavy yield

Pan

160746

7/9

8/12

52

(China) 9190

4090

522

med gr. full, straw, rough, pr. tip,
common.

Good water up

H. 8/14

P.I.

No.

160749 8/18 47

9191 (China)

Good water up, 4091
523

Pav

sh. gr., straw, rough, common.

160796 8/1 50

9192 (China)

4092
524

Pav

sh. gr., straw, rough, few ty awns,
common.

9193 (China) 160780 7/6 8/10 52

4093
525

Ke 8/14

sh. gr. straw, rough, pr. ty, glab.

9194 (China) 160791 7/14 8/20 40

4094
526

Ke 8/20

sh. gr., straw, rough, pr. ty, common

9195 (China) 160836 7/5 8/10 50

Good water up, 4095
527

Ke 8/14

med. gr. full, straw, rough, common.

P. I.

No.

160846 7/27 8/22
genetic study (China) 9196

4096
528 Med. gr., straw, rough, large enclosing ^{extra} glume,
red, common, few tip awns. 16 8/20

1608572 7/18
Lg. maturity file (China) 9197

4097
615 Med. gr., seg. full color straw & gold, ^{glut} ^{far}
rough, common
Bulk sample glut & modeled gold hulls

160875 7/10 8/12 45
B (China) 9198

4098
616 Med. gr., straw, rough, tip awns,
glut. 16 8/14

160897 7/14 8/14 53
(China) 9199

4099
617 Med. gr., straw, rough,
pr. tip, few tip awns,
common 16 8/14
lodged

160968 7/6 8/10 49
Sep. h. & hull color? (China) 9200

4100 A.
618 sh. med. gr., straw, rough, pr. tip, common
B. sh. gr. straw, rough, common 16 8/14
segregating glut & common

P. I

No.

9201

(China)

4101
619

161001 7/14

8/16 58

Lg. full gr., straw, rough, glab.

lodged

16. 8/14

9202

(China)

4102
620

161002

8/16 65

A. med. gr., brown fuscous, rough, common.

B. A. med. gr., straw patchy brown, rough,

red, common.

miss in original

9203

(China)

4103
621

161007 7/13

8/15 65

Med. gr., straw-patchy brown, rough,

red, common.

lodged

16. 8/20

9204

(China)

4104
622

161046 7/25

8/25 64

med. gr. slender, pr. tip, straw,

rough, red, common

lodged

16. 8/20

9205

(China)

4105
623

161059 7/24

8/22 63

sh. med. gr., straw, rough, long glume,

common.

lodged

16. 8/20

P. I

No.

161084

4106
624

slender midge., straw, rough, (China) 9206
common.

rod Ku. $\frac{1}{25}$

162073 $\frac{8}{22}$

light green as color on 17
" " " " $\frac{8}{26}$

4107
625

sh. gr. straw, rough.

common, aumless

(Japan) 9207
Pam

162088 $\frac{8}{22}$

4108
626

sh. gr., straw, rough, common (Japan) 9208
Pam

162096 $\frac{7}{11}$ $\frac{8}{2}$ 38

4109
627

sh. gr., straw, rough,

pr. tip, common, few
shed aumless.

(Japan) 9209

Ku. $\frac{8}{11}$

8985 $\frac{7}{18}$ $\frac{8}{23}$ 54

4110
628

midge., gold, smooth, (U.S.) 9210
common Pam

P.I.

No.

9211

162106

8/12

(Japan)

Par

$\frac{4111}{715}$

sh. med. gr., straw, rough, awnless,
common.

9212

162107

8/12

(Japan)

Par

$\frac{4112}{716}$

sh. gr., straw, rough, awnless,
common.

9213

162110

8/9

42

(Japan)

Par

$\frac{4113}{717}$

sh. gr. mod. gr. awn straw, p. tip,
p. awns, common.

9214

162121

7/28

8/30 41

(Japan)

Par

$\frac{4114}{718}$

sh. gr. straw, rough, common.
awnless.

9215

(Japan)

162129

7/3

7/9

8/1

34

Good with
Hr

$\frac{4115}{719}$

Ho. 8/1

v short lit, v early, v good early Jap
sh. gr., straw, rough, common
awnless.

P.I.

No.

162136 8/1

45

(Japan)

9216

Pa

4116
720

sh. gr. straw, rough, common,
auntless.

162138 8/22

(Japan)

9217

Pa

4117
721

sh. gr. straw, rough,
auntless, common.

162139 7/29

(Japan)

9218

Pa

4118
722

Seg. nat.
sh. gr. straw, rough,
auntless, common.

162149 7/8 *Seg.*

(Japan)

9219

4119
723

sh. gr., straw, rough,
auntless, common.

162158 7/31

25

(Japan)

9220

Pa

4120
724

v. sh. gr., straw, rough
few ty. aunts, common.

P.I.
No.

9221 (Brazil)

4121
725

164911 7/3

8/16 47

lg. gr., gold, rough, common.
unles

Per. 8/14

9222 (Turkey)

4122
726

165009 7/2

8/2 50

sh. gr., straw, brown furrow,
rough, fully headed, common
lodging

End water
up

No. 8/1

9223 (China)

4123
727

165645 7/1

8/8 52

med. gr., straw, rough, unles,
common.

End water
up

No. 8/8

lodging

9224 (Spain)

4124
728

168946 7/3

8/2 46

sh. gr., straw, rough, ty awns,
common.

End water
up

8/11

9225 (Spain)

4125
815

168949 7/9

8/12 51

sh. gr., straw, rough, unles,
common.

End water
up

No. 8/14

P.I.

No.

180060

7/16

8/17 53

(India)

9226

$\frac{4126}{816}$

slender ^{med.} G. fr., straw, rough,
common.

footwater
up

No 8/14

180178

64

(Peru)

9227

$\frac{4127}{817}$

footwater
up

No 19/29

181977

70

(Indonesia)

9228

$\frac{4128}{818}$

med. G. fr. slender, straw,
rough, common.

No 19/29

187082

7/6

8/8 49

(Portugal)

9229

$\frac{4129}{819}$

med. G. fr., straw, rough,
anthers, common.

footwater
up

No 8/8

197395

7/6

8/8 46

(Japan)

9230

$\frac{4130}{820}$

sh. G. fr., straw, rough,
pr. tip, anthers, common

No 8/8

P.I.

No.

197610

65

9231

(India)

Dead water
up

$\frac{4131}{821}$

med. lg. slender, straw, rough,
fine tip awns, common.

Nov 19/29

9232

(Burma)

Dead water
up

$\frac{4132}{822}$

198136

7/22

8/22 48

sl. gr. straw, rough, pr. tip, awnless,
common.

opaque grain but not glab

Nov 8/20

9233

(Burma)

$\frac{4133}{823}$

198143

7/21

Lg. or irregular

sh. med. gr., straw, rough, awnless,
common.

Nov 19/21

9234

(El. Salv.)

Dead water
up

$\frac{4134}{824}$

199554

7/19

8/21 53

slender
lg. gr., gold, smooth, pr. tip,
awnless, common.

prop OPC

Nov 8/20

9235

(Formosa)

Par

$\frac{4135}{825}$

1344

(Bl. type)

64

lg. gr., straw, rough,
pr. tip, common.

P.I.

No.

227939 Motisal Sol. 16 BK (BR5)

9236

4437
826

sh. med. gr., stream, mot. brown, (India)
rough, red, common

no seed $\frac{11}{25}$

227941 Dathia Sol. 88BK (BR6)

9237

4438
827

sh. med. gr., mot. brown furrows, (India)
rough, ^{few} awns, red, common

no seed $\frac{11}{25}$

227943 Jhulansar sel. 141 BK (BR4)

9238

4439
828

sh. med. gr., mot. pr. am brown, (India)
rough, awns, common

not Her. $\frac{11}{25}$

229259 7/8

8/5

5/Ch-10

9239

4440
915

sh. gr., stream, rough, (India)
common.

lodging + birds

Foot water up

Entered from China (No resistant) 1/6 7/1

229260

N. 12

9240

4441
916

ly. slender gr. stream, rough, (India)
tip awns, common.

not Her $\frac{11}{25}$

P.I.

No.

N. 10B

229261

6/12

7/20 28"

9241

(India)

4442

917

He. 7/1

panicle only & luteous

N. 32

229262

7/3

8/1 48

9242

(India)

4443

918

Good water up

med. gr straw, rough, ambers.
common.

He. 8/1

Sath

9243

(India)

4444

919

229263

7/9

8/12 34

med. gr., med. pr. or black, rough, red
common, ambers

heads matured in the boot.

He. 7/1 panicle only

T. 1

9244

(India)

4445

920

Good water up

229264

7/12

8/12 56

med. lg. slg., gold furrowed, pr. tip.
ambers, common.

He. 8/8

logging

T. 3

9245

(India)

4446

921

229265

med. lg. slg. straw, rough,
few tip ambers, common.
Should be a med grain

not He. 1/25

P.I.

No.

229266

T. 9

(India) 9246

4447
922

l. g. gr., straw,
rough, common

229268 $\frac{7}{19}$

$\frac{8}{19}$ 59 T. 21

(India) 9247

4448
923

lg. gr., straw, rough,
awnless, common.

Belgum

No. $\frac{8}{14}$

229269

(origin seed only)

T. 22A

(India) 9248

4449
924

lg. gr. straw, rough, common,
awnless,

no seed set $\frac{1}{25}$

229270

T. 23

(India) 9249

4450
925

lg. gr., straw, rough,
awn, common.

no seed set $\frac{1}{25}$

229272

$\frac{7}{19}$

$\frac{8}{22}$ 61 T. 43

(India) 9250

4451
926

med. gr. light brown furrow,
rough, fully bearded, common

No. $\frac{8}{20}$

P. I.

No.

9251 T. 88
(India)
4452
927

229273 (from original)
sh. gr., partly brown on straw,
rough, awns, common
no seed $\frac{11}{25}$

9252 T. 100
(India)
4453
928

229274
sh. gr., straw, rough,
common.
not kn. $\frac{11}{25}$

9253 T. 136
(India)
4454
129

229275 $\frac{7}{12}$ $\frac{8}{14}$ 52
sl. lg. gr., straw, rough,
common, awnless

9254 T. 137
(India)
4455
130

229276 $\frac{7}{15}$ $\frac{8}{16}$ 53
med. lg. gr. sl., straw, rough,
gr. tip, awnless, common

9255 T. 138
(India)
4456
131

229277 $\frac{7}{18}$ $\frac{8}{18}$ 50
med. gr. straw, brown furrows,
rough, awnless, common

P. I. 1st

No.

Ambimohan.

23/4/1

Ambemichor 102

(India) 9256

4457
132

fine, scented

peaked and immature grain produced

med. gr., straw, rough,
pr. tip, common

not Hu. $\frac{1}{25}$

23/4/2

Ambemichor 157

(India) 9257

4458
133

fine, scented

peaked but no grain formed

sh. gr., straw, rough, pr. tip
red glumes, common

no seed set $\frac{1}{25}$

23/4/3

Ambemichor 159

(India) 9258

4459
134

in bud $\frac{1}{15}$

sh. gr., straw, rough, pr. tip
reddish brown glumes, common

no seed set $\frac{1}{25}$

23/4/4

Early Sutarson No. 39

$\frac{7}{16}$

$\frac{8}{16}$ 49 (India) 9259

4460
135

med. lg. gr., straw light brown furrow,
rough, awns, common

Hu. $\frac{4}{14}$

23/4/5

Jirasan No. 280

(India) 9260

4461
136

med. gr. : straw, rough, common

no seed set $\frac{1}{25}$

P.I.

No.

Kamod No. 118 231416

9261 (India)

$\frac{4462}{137}$

sh. med. gr., straw, rough,
pr. typ., common

Kolphi - 248 231417

9262 (India)

$\frac{4463}{138}$

fine med. gr., straw with some
brown furrowing, rough,
no seed set $\frac{11}{25}$ common.

Patni 6 231418 7/30 57

9263 (India)

par

$\frac{4464}{139}$

med. gr., straw, rough,
awnless, common

a long gran
does not appear
to be typical

Lodging 1/26

S-67. 233894

9264 $\frac{4465}{140}$

(India) V narrow leaves

no seed set $\frac{11}{25}$

med. gr., med brown,
rough, awns, common.

Patna 23 197539

9265 (India)

$\frac{4466}{141}$

lg. gr., straw, rough, common

no seed set $\frac{11}{25}$

P. I.

No.

233068 7/18 Pungren 8/21 59 A.C. 13 (India) 9266

4467
142 med. gr., patchy brown
awn straw, rough, common
8/26 lodged

233069 7/15 8/20 55 A.C. 45 (India) 9267

4468
229 med. gr. sl., straw, rough,
awnless, common lodged 16. 8/20

233070

A.C. 434 (T. 141)
(India) 9268

4469
230 failed to head. was in early boot 1/15
sh. med. gr., straw, rough, no seed set 11/25
common.

233071

A.C. 453 (Bam-10)
(India) 9269

4470
231 med. gr. straw, patchy brown,
rough, common no seed set 11/25

233072

Bom madewa
(India) 9270

4471
232 might be red
med. gr., straw, rough, no seed set 11/25
common

P.I.
No.

BR-8(498-2A) 233073

9271

(India)

4472
233

mf. lg. gr., gold, not brown,
rough, common.

no seed set

Basmati (T 608) 233074

9272

(India)

4473
234

slender mf. gr., straw, rough,
fine common

no seed set

J-1 ✓

233075 7/8

8/3 52

9273

(India)

4474
235

mf. lg. gr., straw, rough, fine tip

Ke. 8/1 - awns, common

S.R. 26 B

233076

lg. gr. straw, rough,
common

9274

(India)

4475
236

Salt tolerant

long bold. highly succ. to frost
no seed set was killed by late Oct frost. Wac in
early boot stage

T-136

233077 7/9

8/3 54

9275

(India)

4476
237

early fine grain

unless in India

Ke. 8/1 mf. lg. gr., straw, rough, fine tip, awns,
common, light brown for awns

P.I.

No.

233078

T-812

(India) 9276

4472
238

V. narrow leaf
medium duration.

slender
med. gr., brown, rough, common
fine grain.

no seed set

233080

glumes fairly long. T-1767 (Tetraploid)
awns present
grains are bold.

(India) 9277

4478
239

no original seed left.

no seed set

233081

Chhattri (R-10)

(India) 9278

4479
240

Seeded fine grain

med. gr., straw, patchy brown,
pr. tip, rough, common

no seed set

233087

CO-26

(India) 9279

4480
241

Blast resistant.
folded to head.

sh. med. gr., straw, mod. brown,
rough, common

no seed set

233089

Bonda (J.B.S. 4)

(India) 9280

4481
242

sh. gr., straw, rough,
red, common

no seed set

P.I.

No.

Atma Sital (J.B.S. 7) 233090

9281 (India)

4482

329

no seed set

sh. gr., straw, rough,
common

Mahipal (J.B.S. 13) 233091

9282 (India)

4483

330

many yellow leaves
no seed set

sh. gr., straw, some
brown furrow, rough,
common

Singapurallu (J.B.S. 16) 233092

9283 (India)

4484

331

no seed set

sh. gr., straw, rough,
common

Jerunallu (J.B.S. 16) 233093

9284 (India)

4485

332

Headed $\frac{1}{15}$
no seed set

lg. gr., brown, rough,
common

Rathau Chudilu (J.B.S. 19) 233094 $\frac{7}{15}$

9285 (India)

4486

333

Lod water
cups

1/2 S/S

sh. gr., red hot brown, rough,
red. common, curdless

S/O 50

P.I.

No.

233095

Dupitokalu

(India)

9286

4482
334

sh. gr., straw, rough,
common

no seed set

233096

Garmutor Mohul Kuchy (J.B.S. 25)

7/5

8/7

49

(India)

9287

4488
335

slender med. lg. gr., ^{brown} gold furrows,
rough, awnless, common

Ka 8/8

233097

68"

Bia Borda (J.B.S. 29)

(India)

9288

4489
336

med. gr., straw, rough,
awnless, common

Good water
up

Ka 10/29

233098

Basumati

~~Basumati~~

(J.B.S. 34)

7/7

8/10

54

(India)

9289

4490
337

med. gr. slender, reddish brown furrows,
rough, awnless, common

lodging

Ka 8/8

233099

Rellowad Ila (J.B.S. 36)

7/5

8/4

57

(India)

9290

4491
338

lodging locally
med. gr. straw, patchy brown,
rough, red, common.

Good water
up

Ka 8/1

P.I.

No.

Tella Kolchu (J.B.S. 40) 233100 7/15 8/12 52
9291 (India) 4492
339
lgs., straw, rough, some
light aura, common.

16. 8/8

lodging

KASUMA DHANVAM (J.B.S. 41) 233101 7/22
9292 (India) 4493
340
mod. gr., straw, brown furmuring,
rough, common

N.C. 785 (Balam) 233102
9293 (India) 4494
341
mod. lg. gr. straw, mod. brown,
rough, common
no seed set

Aus Basumati 233103
9294 (India) 4495
342
early
lg. gr., straw, rough,
common.
not the.

Early Basumati 233104 7/30 54
9295 (India) 4496
429
Is not E. Basumati but agrees with orig seed
shgr., straw/mod. brown, rough.
reddish aura, glab.

P.I.

No.

233105

Midseason Patnia (No. 30)

(India)

9296

4497
430

med. gr., straw, rough, common

no seed set

2331053

~~2331053~~

Midseason Patnia (No. 32)

(India)

9297

4498
431

sh. med gr., straw, pale brown,

rough, common

no seed set

233106

Japaka

(India)

9298

4499
432

med. gr., straw, rough,

seeds, pr. tip, common

white, slender but no seed, med grain
small plant

no seed set

223491

Dryza eichengeri

(India)

9299

4500
433

Wild.

Panicles lax.

medium grains

$2n = 48$

no original seed left.

no seed set

223494

Bonmadewa C10

(India)

9300

4501
434

sh. gr., straw pale brown,

rough, common

no seed set

P.I.

No.

Kadiam wild T 460 223495

9301 (India)
4502
435

no sup set

sh. gr., mot. pr.; pr. tip,
rough, avns, ref,
common

Shala N.C.

224604

7/5

8/6 57

9302 (India)
4503
436

No S/S

sh. gr., straw, rough,
avns, ref, common

Cinbaw CA-08

222398

9303 (Burma)
4504
437

no sup set

sh. gr., straw, mot. brown,
rough, common

13 36-3

222399

9304 (Burma)
4505
438

no sup set

mid lg. gr., straw, mot. brown,
rough, common

Beluqyu Ngasein C32-1 222401

9305
4506
439

(Burma)

no sup set

sh. mid. gr., straw, rough,
common

P.I

No.

222402

Bingala B 28-12

(Burma)

9306

$\frac{4506}{440}$ med. gr., straw, not brown,
rough, common no seed set

222403

Bonnadeua G 10

(Burma)

9307

$\frac{4507}{441}$ sh. gr. straw, not brown,
rough, common no seed set

222404

Byatgalen C 15-10

(Burma)

9308

$\frac{4508}{442}$ med. gr., straw, rough,
common no seed set

222405 67"

Dawebyan B 35-1

(Burma)

9309

$\frac{4509}{529}$ med. gr., straw, rough, common

Good water
exp

10/10/29

222406 68

Dawebyan B 35-2

(Burma)

9310

$\frac{4510}{530}$ med. gr., straw, rough,
curled, common

Good water
exp

10/10/29

P. I.

No.

EkariN A35-17 222407

9311 (Burma)

$\frac{4511}{531}$

no seed set

EkariN-Yohine A27-16 222408

9312 (Burma)

$\frac{4512}{532}$

no seed set

Emata Amaqi A28-8 222410

9313 (Burma)

$\frac{4514}{533}$

no seed set

Emata Yin A31-12 222412

9314 (Burma)

$\frac{4515}{534}$

no seed set

Gocong

222413

9315 (Burma)

$\frac{4516}{535}$

no seed set

midsp., stem, pale brown,
rough, common

P. I

No.

222414

Hnanwa Phingauk A26-2

(Burma)

9316

$\frac{4517}{536}$

lg. gr. straw, rough, some brown punning.
common no seed set

222415

Kamakyi D17-88

(Burma)

9317

$\frac{4518}{537}$

sh. gr., straw, rough, common

no seed set

222416

Khayayayay D34-181

(Burma)

9318

$\frac{4519}{538}$

sh. gr. straw, pale brown,
rough, common

no seed set

222417

Kyaukpyu A27-4

(Burma)

9319

$\frac{4520}{539}$

med. lg. gr. slender, straw,
med. brown, rough
common

no seed set

222419

Kyweyyutgyi E34-23

(Burma)

9320

$\frac{4522}{540}$

sh. gr., straw, rough,
some awns, common

no seed set

P.I.

No.

Mawtika C29-127 222423

9321 (Burma)

$\frac{4523}{541}$

sh. wd. gr., straw, mod.
brown, rough, common

no seed set

Natural Hybrid C23-8 222424

9322 (Burma)

$\frac{4524}{542}$

no seed

no seed set

Naungtu T1/6 222425

9323 (Burma)

$\frac{4525}{629}$

lg. straw, rough,
common.

no seed set

Ngakyonk C31-13 222426

9324 (Burma)

$\frac{4526}{630}$

sh. gr., straw, rough.
common

no seed set

Ngakye D25-4 222427

9325 (Burma)

$\frac{4527}{631}$

sh. gr., mod. gr., rough
awn, common

no seed set

P. I.

No.

222428

Ngasauk C 12

9326

4528
632

sh. gr. straw, patch brown,
rough, common

no seed set

222429

NgasciN C 12-04

9327

4529
633

sh. gr. straw, patch brown,
rough, common

no seed set

222430

NgasciN C 30-28

9328

4530
634

sh. gr. straw, patch brown,
rough, common

no seed set

222431

NgasciN Phinme C 14-8

9329

4531
635

(Burma)
no seed

no seed set

222433

Ngathalon CWR 10/9

9330

4532
636

(Burma)
sh. gr. not brown,
rough, common

no seed set

P.I.

No.

Ngayunwa T-8 222434

9331

(Burma)

$\frac{4533}{637}$

med. lg. gr. brown furrow,
rough, common

no seed set

Ngayunwabo T33-119 222435

9332

(Burma)

$\frac{4534}{638}$

med. gr. straw, rough,
common

no seed set

Patwai 23-Gosaba 222438

9333

(Burma)

$\frac{4535}{639}$

lg. gr. straw, rough,
common

no seed set

Paungmaibung C3 222439

9334

(Burma)

$\frac{4536}{640}$

sh. gr. straw, rough,
common

no seed set

Pindabung Emata A16-34 222440

9335

(Burma)

$\frac{4537}{641}$

lg. gr., straw, rough,
common

no seed set

P.I.

No.

222443

Shangale C 34-14

shg., straw, pale brown, (Burma)

9336

4538
642

rough, common

no seed set

222445

Shwe - At

(Burma)

9337

4539
729

sh. med. gr., straw,
rough, common

no seed set

222446

Shwechiqyin C 33-18

(Burma)

9338

4540
730

shg., straw, rough,
common.

no seed set

222447

Shwechiqyin C 33-24

(Burma)

9339

4541
731

med. gr., straw, rough,
common

no seed set

222448

Taungleikpan T 30-123

(Burma)

9340

4542
732

lg. gr., straw, rough,
common

no seed set

all Burma varieties as med-gr
+ tall at Cuttack.

P.I.

No.

9341 XA 97 222449
(Burma) med. gr., straw, rough,
 $\frac{4543}{733}$ sl. ty, awn, common
no seed set

9342 XA 108 222450
(Burma) med. gr., straw, rough.
 $\frac{4544}{734}$ common
no seed set

9343 Yodaya A35-6 222452
(Burma) med. gr., straw, pale brown,
 $\frac{4545}{735}$ rough, common
no seed set

9344 Yodaya A35-13 222453
(Burma) lg. gr., straw, pale brown,
 $\frac{4546}{736}$ rough, common
no seed set

9345 Criollo 230102-1 7/25 8/20 63
(Mexico) long gr., straw, rough,
 $\frac{4547}{737}$ common, awnless
Calcutta 8/20

P. I.

No.

230102-2 7/25

8/20 59

(Mexico)

9346

4548
739

lg. gr., straw, rough,
awless, common

Good water
up
No. 8/20

230102-3 7/25

8/20 57

(Mexico)

9347

4549
739

lg. gr., straw, rough,
common, awless

Good water
up
No. 8/20

230102-4
~~23902-4~~

7/25

8/20 58

(Mexico)

9348

4550
740

lg. gr. straw, rough,
awless, common

Good water
up
No. 8/20

230102-5

7/26

8/20 58

(Mexico)

9349

4551
741

lg. gr. straw, rough,
awless, common

Good water
up
No. 8/20

230102-6

7/25

8/20 58

(Mexico)

9350

4552
742

lg. gr., straw, rough,
common, awless

Good water
up
No. 8/20

Good second growth, are Pandanus
typical including 9345

P.I.

No.

Fortuna (Morato) 230103

62

9351

(Mexico)

Par

4553
829

lg. str., pr. tip.
rough, common
available

no second growth

Meco

230104

7/8

8/12 44

9352

(Mexico)

Estimate

4554
830

sh. gr., straw, rough
full head, common.

no

Riata

230105

7/8

62

9353

(Mexico)

Estimate

4555
831

v. bad hair

med. lg. gr., gold, rough
available, common

ok quality

Line 7-8-1

226312

9354

(Mexico)

4556
832

med. lg. gr., straw, brown furrow,
rough, some tips, common

Par 1/26

not see

Line 17-9-4

226313

9355

(Mexico)

4557
833

lg. gr., brown furrow,
rough, some tips, common

Par 1/26

not see

P.I.

No.

226314 69" Line 27-11-3

(Mexico)

9358

4558
834

lg. sh., brown furrow, rough,

cool water up

avars, common.

16u 10/29

prob "LOVULA"

226318 65" Cross 1-5-5-2

(Mexico)

9357

4559
835

lg. sh. sh., brown furrow,
rough, common, avatars

16u 10/29

226399

58

Cross 2-42-2-3

(Mexico)

9358

4560
836

lg. sh., sh., rough,

cool water up

common.

"Lopula" type

16u 10/29

233706

51"

Dima

(Surinam)

9359

4561
837

lg. sh. sh., sh., rough.

avars, common

16u 10/29

231641

7/8

Amara (Alef)

8/10

(Russia)

9360

4562
838

sh. sh., sh., rough.

avars, common

51"

cool water up

16u 8/8

P.I.

No.

Caucasica (Bat.) 231642 $\frac{7}{6}$ $\frac{8}{8}$ 49
 9361 (Russia)
 Soil water 4563
 up 839
 He $\frac{8}{8}$
 mfg. straw, rough,
 aurea, common

Desvauxii (Korn) 231643 $\frac{6}{22}$ $\frac{7}{26}$ 41"
 9362 (Russia)
 Soil water 4564
 up 840
 He $\frac{8}{1}$
 sh. gr., straw, rough,
 m. typ., gr. aurea, common

Dichroa (Bat.) 231644 $\frac{7}{1}$ $\frac{8}{3}$ 44
 9363 (Russia)
 Soil water 4565
 up 841
 He $\frac{8}{8}$
 sh. gr., straw, rough, full head,
 common

Dubautia (Obad) 231645 $\frac{6}{26}$ $\frac{7}{27}$ 39
 9364 (Russia)
 Soil water 4566
 up 842
 He $\frac{8}{1}$
 mfg. gr., straw, brown fennel,
 rough, aurea, common

Erythroceros (Korn) 231646 63"
 9365 (Russia)
 4567
 929
 He $\frac{10}{29}$
 sh. gr., straw, brown fennel,
 rough, reddish head,
 common

P.I.

No.

1st
Herb

Ripe

231647

Lanthoceros (Korn)

1/12

7/25

36"

(Russia)

9366

4568

930

med. gr., straw, pr. tip,

rough, pl. aurs. common

Ku. 8/8

231648

Italica (Alef)

7/4

8/8

41"

(Russia)

9367

4569

931

sh. gr. straw, rough,

full head, common

Ku 8/8

231649

Melanotrix (Alef)

5/29

7/30

44"

(Russia)

9368

4570

932

sh. gr., straw, rough,

common, awnless

Ku 8/8

231650

Pyrocarpa (Alef)

6/12

7/18

40"

(Russia)

9369

4571

933

med. gr., straw, rough,

pr. tip, full head, common

Ku 8/8
pau.

231651

7/14

Rubra (Korn)

8/21

41"

(Russia)

9370

4572

934

sh. gr., straw, rough,

full head, common

pau

P.I.

No

Sudensis (Korn) 281652 6/15 Sep. 52

9371 (Russia)

Ind water 4573
up 935

sh. gr., straw, rough,
aroma, common,
sig red

Vulgaris (Korn) 231653 7/8 20 37

9372 (Russia)

par 4574
936

sh. gr. straw, rough.
full head, common

6/12 7/16 33"

9373 (Buenos)

4575
937

Ha. 8/1

sh. med. gr., straw, brown
fuzziness, rough, ambers,
common

Mayang Sabatil 220257

9374 (Malaya)

4576
938

sh. gr., straw, rough,
common,

no seed set

Mayang Sa Gumpal 220258

9375 (Malaya)

4577
939

no seed

no seed set

P.I.

No.

220259

Milek Kuning 3
(Malaya)

9376

4578
940

no seed

no seed

220260

Morok Sepilai
(Malaya)

9377

4579
941

no seed

no seed

220261

Nachin II
(Malaya)

9378

4580
942

no seed

no seed

220262

Nalong Talor
(Malaya)

9379

4581
143

sh. gr., straw, rough,
common

no seed

220264

Radin Siak 34
(Malaya)

9380

4582
144

sh. gr., straw,
with brown, rough
common

no seed

note no seed

P.I.

No.

Reyong 6

220265

9381 (Malaya)

$\frac{4583}{145}$

no seed set

sh. gn., straw, rough,
common

Seraup Kechil

220266

9382 (Malaya)

$\frac{4584}{146}$

no seed set

no seed

Serendah

220267

9383 (Malaya)

$\frac{4585}{147}$

no seed set

no seed

Serendah Kuning

220268

9384 (Malaya)

$\frac{4586}{148}$

no seed set

sh. gn., straw,
rough, common

Subang Intan

220270

9385 (Malaya)

$\frac{4587}{149}$

no seed set

no seed

P. I.

No.

220271

not typical

Taichu 65-

35" (Malaya)

9386

low wall
for up

4588
150

Has the short ht of zap, fairly sturdy
straw, Profuse tillering, for all low + grow
in 1958 med gr. Very yield

slg. str., straw,

br. panicle,
rough, common.

220261

Acheh Puteh
(Malaya)

9387

4589
151

no seed

no seed set

220254

Kontor
(Malaya)

9388

4590
152

no seed

no seed set

220255

Machang
(Malaya)

9389

4591
153

White no seed

no seed set

220256

Mayang Eboe

slg. slender, (Malaya)

9390

4592
154

straw, rough, common

no seed set

P.I.

No.

Boak 10

220722

9391

(Indonesia)

Lodawati, 4593
up 155

heavy yield

HV. 11/26

midgr., straw,
rough, full beard,
common

Good seed prod
Tall but sturdy

Boak Ganggus 836 220723

9392

(Indonesia)

4594
156

Saved seed of gftype tall
similar to 9391 except for
sl longer gr. + full beard
main var. v late but some seed prod.

(one ~~very~~ original)

Bengawan 2794 220724

9393

(Indonesia)

4595
243

mid lg. gr., mid. beard, rough,

16v 10/29 (Bulk sample)
is a long grain common

62"

Benang 130 No. 2405 220725

9394

(Indonesia)

4596
244

sh. gr., straw, rough,
awns, common

61"

Brondol Pulih T43 No. 390 220726

9395

(Indonesia)

4597
245

sh. mid. gr. straw, rough,
awns, common

not see.

P. I.

No.

220727 Brondol Putih 277 No. 14
(Indonesia) 9396

$\frac{4598}{246}$ sh. ^{red} gr., straw, rough,
anther, common H.V.

220728

Djalen 37
(Indonesia) 9397

$\frac{4599}{247}$ no seed
V. strobiliferum n. 14 H.V. 20 dm x 4
white ptish

220729

Djambu 129 No. 1852
(Indonesia) 9398

$\frac{4600}{248}$ no seed

H.V.

220730

Emata 491
(Indonesia) 9399

$\frac{4601}{249}$ no seed

no seed

220732

Gandjah Rati 322
(Indonesia) 9400

$\frac{4602}{250}$ no seed

H.V.

P.I.

No.

George Sai 510 220733

9401 (Indonesia)

Good water
up

4603
251

sh. gr., gold, rough,
common

no seed set

Gropak Gedeh 97 No. 1231 220734

9402 (Indonesia)

4604
252

no seed

Hv.

Intan 2400 220735

9403 (Indonesia)

4605
253

med. gr. slender, stem,
pr. tip, rough, common

mod. Her ✓

Hv.

Kentjans 2183 220736

9404 (Indonesia)

4606
254

lg. gr., stem, rough,
arna, common

✓ tall -

no seed set

Ketan Gadji 647 220737

9405 (Indonesia)

4607
255

long
med. gr., stem, rough,
glut.

Hv.

P.I.

No.

220742

Lusi 513 (early)
(Indonesia)

9406

4608
256

sh. med. sl. gr., straw,
patch brown, rough
common no seed set

220742

Lusi 513 (late)
(Indonesia)

9407

4609
343

sh. ^{slender} gr., straw,
rough, common

no seed set

220743

Major 72

(Indonesia)

9408

4610
344

sh. gr., straw, rough
avens, common

Sept 8
Water up

7/10.

220745

58" Mas 2401

(Indonesia)

9409

4611
345

good in Dutch
Guinea but
weak straw

med. sl. gr., straw, rough, ^{leaf}
common. Water up

good later in season fairly sturdy but not like Lima
16/10/29

220747

Naga Dheu 83 (early)
(Indonesia)

9410

4612
346

no seed

no seed set

P.I.

No.

Peta 2802

220748

9411 (Indonesia)
4613
347

sh. med. gr., straw, rough,
gr. tip, common

H/v.

Pulut. Nangka 016 220749

9412 (Indonesia)
4614
348

Good water
up

sh. med. gr., straw, rough
common

H/v.

Salak 2885

220750

69"

9413 (Indonesia)
4615
349

Good
water up

no Beltraville seed remnant

1 bu 10/29

Solo 110 220752

70"

9414

Sukamandi 1005

P.I.

- 220753

See 9499

4617 ~ 4616
350

no Beltraville seed remnant

1 bu 10/29

Tajakaja

220754

9415 (Indonesia)
4618
351

med. sh. gr., straw,
rough, common

no seed set

P.I.

No.

220755

Tjina 114

(Indonesia) 9416

4619
352

bracted, v good
frond

slender mid. gr. stem, H.
rough, common

220757

Untung 588

(Indonesia) 9417

4630
353

sh. gr., stem,
pale brown, rough,
common

no seed set

220758 65"

Urang-Urangan 89

(Indonesia) 9418

4621
354

sh. gr., stem, rough
pr. tip, awn, common

lost to
water up
Hc 10/29

224605 64"

Sigadis

(Indonesia) 9419

4622
355

v tall, meek stem, Rye 10/20
lg. gr., stem, rough, awns,
common Hc 10/29

lost to
water up

220719

Baian 6

(Indonesia) 9420

4623
356

mid. gr., brown ferrugineous,
rough, awn, common

no seed set

P. I.

No.

Bali Kangang 37 No. 8 (Early) 220720 Pipe 11/6
9421 (Indonesia) Rather tall but large sturdy
Cool water 4624 stems, v. long heads.
up 443
Hc. Med-grain headed
med. g. straw, rough, fully headed, common

Bali Kangang 37 No. 8 (late) 220720
9422 Like, 9421
Cool water 4625
up 444 med. g., straw, rough
Hc. full head, common

Bandang Pulih 680 220721
9423 (Indonesia) med. g. gr., straw, m. brown,
4626 rough, common
445
no sup set

Champa 224630
9424 (Thai.)
4632
446
no sup set

Khaota Hong 224664
9425 (Thai.)
4638
447
no sup set
headed to
g. g., straw, rough
ly. awns, common

P.I.

No.

224665

Nangmol

(Thai.)

9426

lg. gr., straw, rough,
common

no seed set

224626

Kao Mad Lek

(Thai.)

9427

lg. gr., straw, rough,
common

no seed set

224627

Godporm

(Thai.)

9428

lg. gr., straw, rough,
common.

no seed set

224628

Mali-Tong

(Thai.)

9429

lg. gr., straw,
rough, common

no seed set

224629

Mali-Ona

(Thai.)

9430

lg. gr., straw,
rough, common

no seed set

failed to breed

4629
448

4630
449

4631
450

4632
451

4633
452

P. I.

No.

220408

9431

(Ceylon)

4634

453

no seed

sh. gr., straw, rough
seed, common

229704 7/16

8/15

9432

(Iran)

4635

454

med. gr., straw, rough, common
unless

9433 is the one that was ho. 8/14
9432 is white & failed to produce

229704

72

9433

(Iran)

4636

455

med. lg. gr., gold, rough
in tip, reddish brown,
common

Binicol

223555

67

9434

(Phili)

4637

456

mixed seed in original seed.
some red seeded types also.

lodged badly 8/26

Binirhen

223556

61

9435

(Phili)

4638

543

sh. gr., gold, smooth,
common

P. I

No.

223557

~~Dourado Agolha~~
59 (Phili)

9436

Good water
up Pa

4639
544

lg. gr., gold, smooth,
common, awnless

Hu.

223558

Kinandang Nagpulot

63 (Phili)

9437

Good water
up Pa

4640
545

sl. med. gr., straw,
smooth, awnless,
common

Hu.

223559

Mangarez

61 (Phili)

9438

Good water
up Pa

4641
546

sl. gr., straw, smooth,
short tip awns, common

Hu.

223560

Milfor 6

60 (Phili)

9439

Good water
up Pa

4642
547

lg. gr., straw, rough,
awnless, common

Hu

223561

8/20

Moratuto

61 (Phili)

9440

Good water
up Pa

4643
548

Excellent second growth
lg. gr., straw, rough,
common.

16/20

P.I.

No.

Pinulot

223562

57

9441

Godwits (Phili)
Pan up

$\frac{4644}{549}$

Hv.

sh. gr., brown ferruginous,
smooth, common

Milagrosa

226151

9442

(Phili)

$\frac{4645}{550}$

no seed set

v. sh. gr., straw, rough,
common

Milbuen

226152

56

9443

(Phili)

Godwits
Pan up

$\frac{4646}{551}$

Hv.

ly. gr., straw, rough,
common, awnless

Sa/ok

226153

9444

(Phili)

$\frac{4647}{552}$

Hv.

med. gr. straw, p. tip,
rough, common, awnless

Azucena

223554

72

9445

Godwits (Phil.)
Pan up

$\frac{4648}{553}$

Hv.

ly. gr. straw, rough,
common, awnless

P.I.

No.

223554

AZUCENA

4648B
554

med. gr., straw,
rough, amber, red,
common.

68 (Phil.) 9446
Sod water
up for

No.

223514

Shali-i-Mahin (thin rice)

7/18

8/20 (Afghan.) 9447

4649
555

med. sl. gr., straw,

rough, ams,
common

2/26 lodged & bad

not here!

223517

Shali-i-Mahin (thin rice)

4650
556

sl. gr., straw,

rough, common.

66 (Afghan.) 9448

Sod water
up

lodged badly 8/28 No.

222842

Gissi ("Ligerian, Gigeraga Dist.")

(Liberia) 9449

4651
643

med. sl. gr. straw,

rough, common

no seed

222843

G.E.B 24 (sent to Liberia from India)

(Liberia) 9450

4652
644

no seed

no seed

P.I.

No.

Br. Guiana Criolli 220214

9451 (Br. Hond.)

Good water
up

4653
645

Br. 8/20

med. gr., straw, rough,
awnless, common

8/21 57

Br. Guiana 79 220215

9452 (Br. Gui)

4654
646

Headed 11/4 but no grain

sl. med. gr. straw, rough,
common

No. 1

9453 (Jamaica)

Good water
up

4655
647

Br. 8/14 Excellent

220484

7/10

8/13 54

F. light gr., straw, pr. tip, rough,
red, common, awnless

second growth

B. lg. gr. straw, pr. tip, rough,
awnless, common

No. 2

9454 (Jamaica)

Good water
up

4656
648

Br. 8/14 Excellent second growth

220485

7/17

8/18 56

lg. gr., straw, rough, pr. tip,
awnless, common

No. 3

9455 (Jamaica)

Good water
up

4657
649

Br. 8/14 excellent second growth

220486

7/13

8/16 50

lg. gr., straw, rough, pr. tip,
awnless, common

P. I.

No.

210067

Joya 47-8

(Trinidad) 9456

4658
650

failed to head
lg. gr., straw, rough, common no seed set

210068

Red American

(Trinidad) 9457

4659
651

med. lg. gr., brown, common,
rough, common no seed set

160513

7/16

8/18 61

(China) 9458

4660
652

sh. gr., straw, rated brown,
aunties, common lodging

Good water up

16. 8/14

160517

7/8

8/9 54

(China) 9459

4661
653

med. lg. gr. straw, gr. tip,
rough, common, tip avar.

Good water up

Hu 8/12

160522

7/12

8/12 56

(China) 9460

4662
654

sh. gr., straw, rough,
aunties, ghost lodging

16. 8/10

P.I.

No.

160581

7/5

8/10 52

9461 (China)

cool water
up

$\frac{4663}{655}$

sh. med. gr., straw, rough,
annular, common

No. 8/14

Lu Tao 2 Hao

160564

7/2

8/8 37

9462 (China)

$\frac{4664}{656}$

med. gr., straw, rough,
annular, glab.

No. 8/8

9463 (China)

$\frac{4665}{743}$

160626

7/6

8/10 55

med. gr., dark brown furrows,
rough, red, common.

No. 8/8

lodging + birds

9464 (China)

$\frac{4666}{744}$

160662

7/6

8/8 58

sh. gr. straw, rough,
annular, m. tip - glab.

No. 8/8

Ten Ching

160833

9465 (China)

$\frac{4667}{745}$

sh. gr., patchy
brown, rough
common.

no plants

P. I.

No.

160868

7/18

S/20 58 (China) 9466

$\frac{4668}{746}$

✓ good second growth

sl. gr., mps. pure brown, smooth, glab. to S/20
areoles

160904

31"

v. sh. gr., ps., rough,

(China) 9467

$\frac{4669}{747}$

ps. areole, glab.

full purple plants bulb. Segm. dwarf
✓ normal Hc.

160907

23

(China) 9468

$\frac{4670}{748}$

Full purple dwarf

v. sl. gr. ps., rough, ps. areole, glab. Hc.

160909

Cheng Chang

23

(China) 9469

$\frac{4671}{749}$

full purple dwarf

v. sh. ps., ps., rough, ps. areole, glab. Hc.

160911

7/17

24

(China) 9470

$\frac{4672}{750}$

v. sh. gr., brown furrow,
areole, rough, glab. Hc.

P.I.

No.

160913 7/18

19

9471 (China)

$\frac{4673}{751}$

Fu.

v. sh. gr., m. furrow,
rough, glab.

Ai Yeh Lu

160925

30

9472 (China)

$\frac{4674}{752}$

10/29

v. sh. gr. palely brown,
rough, ~~any~~ glab

160941 7/16

27

9473 (China)

$\frac{4675}{753}$

Fu.

v. sh. gr. straw, some p. furrow,
rough, common

Ai Yeh Lu

160944

8/20

28

9474 (China)

$\frac{4676}{754}$

Fu.

v. sh. gr. straw, rough,
p. type common

160948 7/17

21

9475 (China)

$\frac{4677}{755}$

Fu.

vv. sh. gr., straw, rough,
common

P. I.

No.

160949

7/15

Ai Yeh Lu
(China)

9476

$\frac{4678}{756}$

V. sh. gr. straw, rough,
glut.

22"

Hu

160951 7/17

Ai Yeh Lu
18 (China)

9477

$\frac{4679}{843}$

V. sh. gr. straw, brown fungus,
rough, pt tips, glut.

Hu

160952

Ai Yeh Lu
(China)

9478

$\frac{4680}{844}$

V. sh. gr. straw,
rough, glut.

Hu

160955 7/14

25 Ai Yeh Lu
(China)

9479

$\frac{4681}{845}$

V. sh. gr. straw, pp.
pr. tips rough, glut.

Hu.

161077 7/30

67
(China)

9480

$\frac{4682}{846}$

st. med gr. straw.
much common

badly broken 8/26. Hu.

P. I.

No.

Sei. N. 221 A93-8 160498 7/6 7/10 50

9481 (China)

$\frac{4683}{847}$

No. 8/14

sh. gr. straw, rough
common, aureole

160965 7/7 8/10 51

9482 (China)

$\frac{4684}{848}$

Good water up

No. 8/14

sh. gr. straw, rough
common

9483 (China) 160994 7/30 8/25 56

$\frac{4685}{849}$

Ho. 1 good second growth

usk gr., straw, smooth
common.

9484 (China) 161038 6/

$\frac{4686}{850}$

No. 1

sh. gr., straw, pr. tip.
pr. awn, glab. rough.
shell sample not glab.

9485 161139 7/13 8/14 64

$\frac{4687}{851}$

No. 8/14

sh. gr. straw, rough,
ref. common

P. I.

No.

162179 $\frac{6}{29}$ $\frac{8}{1}$ 47

(Korea) 9486

$\frac{4688}{852}$

sh. gr., smooth, m. ty.,
pr. aur., common

Hu $\frac{8}{8}$

162274 $\frac{7}{1}$ $\frac{8}{6}$ 46

(Korea) 9487

$\frac{4689}{853}$

sh. gr., straw, rough,
m. ty., pr. aur., common

Hu $\frac{8}{8}$

175013 $\frac{7}{1}$ $\frac{8}{5}$ 45

(Portugal) 9488

$\frac{4690}{854}$

sh. gr., straw, rough,
common

Hu $\frac{8}{8}$

187046 $\frac{6}{10}$ $\frac{7}{20}$ 26"

(Japan) 9489

$\frac{4691}{855}$

frag grain

no seed

Hu $\frac{8}{8}$

8265

(Brazil) 9490

$\frac{4692}{856}$

g. gr., straw,
rough, common

no seed

P.I.

No.

Djubuh

9491

(Liberia)

$\frac{4693}{943}$

Hu.

8301

8/18

sh. gr., dark brown, straw, fine,
rough, red, common

8307

9492

(Ecuador)

$\frac{4694}{944}$

no seed yet

med. sh. gr., straw,
rough, common

8611

9493

(Formosa)

$\frac{4695}{945}$

Hu.

sh. gr., straw, rough,
common

8646

7/18

8/18 55

9494

(Panope Is.)

$\frac{4696}{946}$

Hu. 8/14

lg. gr., straw, rough,
common

Come Crui Peledo #4

8894

7/20

8/22 56

9495

(Brazil)

$\frac{4697}{947}$

Hu. 8/20

sh. med. gr., straw,
rough, common

P. I.

No.

8947 Pt6.10 (Pattampi Sel.) (Shai) 9496

4698
948

sl. med. gr., mot. brown,
rough, red. common

Hu.

7/10

Cambodia

8/12 51

9497

4699
949

sl. lg. gr., gold,
rough, common

Shy.ing

Ka S/B

160907 7/31

4700
4670
950

sl. gr. straw,
rough, common

55" (China)

9498

Hu.

220752 - Solo 110 69"

220753 - Sukamandi 1005

9499

4617 4616
951

see 9414

sl. or med. gr.

9500

C. I

No.

9501

1988

Hv.

2347

9502

Hv.

2934

8/29 42

9503

Hv. 8/27

2937

8/28 41

9504

Hv. 8/27

2938

8/28 40

9505

Hv. 8/27

C.I.

No.

3381

8/28 41

9506

Rec 8/27

4322

9507

Rec 8/14

5005

9508

A/c.

5368

9509

A/c

5403-2

23

9510

A/c

C.I.

No.

5783

23

9511

Hu.

6338

47

9512

Hu.

6355

37

9513

Hu.

6421

37

9514

Hu.

6742

9/2 47

9515

Hu. 8/27

C.I.

No.

6871

8/25 34

9516

1/27 8/27

6873

55

9517

He

6880

9518

He

6914

9519

He

7068

9520

He

C.I.

No.

7071

47

9521

74

7100

34

9522

74

7132A

49

9523

74

7135

9524

74

7157

9525

74

C.I.

No.

7203

9526

~~7203~~ No.

7208

9527

No

7253

9528

No

7370

57

9529

No.

7372

Sp/28 55

9530

No Sp/27

C.I.

No.

I 3

on

9531

7374

q

8/29 55

Rev. 8/27

9532

7375

8/29 56

Rev. 8/27

9533

7378

Logged

9/1 57

Rev. 8/27

9534

7383

9/1 51

Rev. 8/27

9535

7386

8/30 49

Rev. 8/27

C.I.

No.

7388

9/4 56

9536

lodging

18th 8/27

7392

8/26 55

9537

lodging

18th 8/27

7396

46

9538

18th 8/14

7399

9/1 54

9539

lodging

18th 8/27

7404

9/3 42

9540

18th 8/27

C.I.

No.

7711

36

9541

He. 8/14

7705

47

9542

He.

8101

8/26 41

9543

He. 8/27

8104

8/25 42

9544

He. 8/27

8132

8/25 42

9545

He. 8/27

C.I.

No.

8184

~~Parvula~~

61

9546

not found

8287A

49

9547

No.

8289

9548

No.

8292

9549

No.

8302

9550

No.

C.I.

No.

8309

6)

9551

No.

8309A

58

9552

No

8314

56

9553

No

8329

8/28 61

9554

100 8/27

body

9555

8330

8/25 52

100 8/27

body

C.I.

No.

8331

8/23 49

9556

lodged

Nov 8/27

8334

8/23 54

9557

lodged

Nov 8/27

8350

8/28 49

9558

Nov 8/27

8351

8/29 50

9559

Nov 8/27

8353

9/2 52

9560

Nov 8/27

C I.
No

9561

8354

56

No.

9562

8366

No.

9563

8371

54

No.

9564

8373

No.

9565

8378

4/29 7/9

Par. 114 Not No.

C.I.

No.

8380

9566

No

8381

9567

No.

8383

9568

No

8385

9569

No.

8389

9570

No.

C.I.

No.

9571

8397

8/29 49

He 8/27

9572

8401

8/28 56

He 8/27

9573

8403

He.

6.

9574

8404

He

9575

8406

He

C.I.

No.

8408

9576

Ho

8409

9577

Ho

8410

9578

Ho

8412

9579

49

Ho

8415

9580

Ho

C. I.
No.

9581

8416

H.

9582

8422

H.

9583

8423

H.

9584

8426

H.

9585

8446

H.

C.I.

No.

8472

8/27 39

9586

Nov 8/27

8473

9587

No

8477

NOT SOWN

9588

8482

9589

Nov 8/27

8485

9590

No.

C.I.
No.

8492

9591 $6/28 - 7/7$

Run 8/14

Not No.

8493

9592

No.

8495

9593

No.

8508

8/26 36

9594

16a 8/27

8524

44

9595

No.

C I.

No.

8552

47

9596

No.

8579

44

9597

8600

9598

No.

8614

43

9599

No.

8617

9600

Parents

No.

C.I.

No.

9601

8627

41

Hu

9602

8637

58

Hu

9603

8638

58

Hu

9604

8640

53

Hu

9605

8648

8/27 41

No 8/27

C.I.

No.

8650

✓A/O

9606

8653

8/27 44

9607

Rev 8/27

8657

8/29 38

9608

Rev 8/27

8658

8/29 39

9609

Rev 8/27

8658.11

8/25 39

9610

Rev 8/27

C.I.

No.

9611

8658B

8/27 39

Nov 8/27

9612

8659

8/27 40

Nov 8/27

9613

8671

Nov 8/14

9614

8688

8/29 48

Nov 8/27

9615

8689

8/29 40

Nov 8/27

C.I.

No.

8696

~~8/24~~ 49

9616

Hee 8/27

8801

~~8/30~~ 40

9617

Hee 8/27

8818

~~8/28~~ 38

9618

Hee 8/27

8821

~~9/2~~ 47

9619

Hee 8/27

8832

~~8/28~~ 34

9620

Hee 8/27

CI

No.

8846

8/26 51

9621

16u 8/27

8849

9/1 48

9622

16u 8/27

8874

8/31 51

9623

16u 8/27

8883

8/31 58

9624

7/1

8892

8/31 57

9625

7/1

CI

No.

8909

8/28 45

9626

No 8/27

8920C

55

9627

No.

8920B

58

9628

No

8928

57

9629

No

8937

50

9630

No

C.I.

No.

9631

8961

No

9632

8962

No

9633

8968

9/1 50

No 8/27

9634

8968A

sig

No

9635

8968 B

sig

No

CJ.

No.

8981

9636

No.

8985

49

9637

No.

9024

9638

No.

9028

8/30 44

9639

14/8/27

9030

9640

~~no plants~~

C.I.

No.

9087

9641

No.

9088

9642

No.

9097

9643

No.

9099

9644

No.

9100

9645

No.

C I.

No.

9101

9646

4/01

9106

9647

46

No

9132

9648

8/30 39

1/01 8/27

9138

9649

No

9150

9650

No

CI.

9651

Al

9165

9652

Al

9170

9653

Al

9171

9654

Al

9188

46

9655

Al.

9189

CI.
No.

9190

9656

Hu.

9191

P/29 42

9657

No P/27

9209

49

9658

Hu

9212

9659

Hu.

9216

9660

Hu

CI

No.

9661

9232

✓

9662

9233

✓

9663

9236

✓

9664

9248

✓

9665

9249

✓

CI
No.

9250

9666

✓

9251

9667

✓

9260

9668

✓

9261

9669

✓

9262

9670

✓

C I

No.

9671

9268

He

9672

9269

He

9673

9272

He

9674

9275

He

9675

160395

Be. 8/14

P.I.

No.

160409

8/30 52

9676

160

160427

8/30 49

9677

lodging

No 8/29

160428

61

9678

70

160445

9679

40.

160459

8/18 50

9680

No 8/14

R. I.

No.

9681

160479

9/4

58

No. 8/29

9682

160487

9/4

57

No. 8/29

Subject

9683

160505

45

No. 8/14

9684

160513B

8/27 58

No. 8/29

9685

160514

No. 8/14

P.I.

No.

160532

9/1 47

9686

He 8/29

160536

9/1 46

9687

He 8/29

160557

8/28 55

9688

He 8/29

160558

9689

He 8/14

160559

8/24 43

9690

He 8/29

P. I.

No.

9691

160568

8/27 38

No. 8/29

9692

160570

8/29 54

No. 8/29

9693

160571

8/29 53

No. 8/29

9694

160574

55

No.

9695

160577

27 50

No. 8/27

PI.

No.

160578

8/24 49

9698

8/14 ?

160 8/27

160579

8/28 57

9697

160 8/27

160580

8/29 56

9698

160 8/27

160587

8/31 52

9699

160 8/27

160592

8/28 56

9700

160 8/27

P.I.

No

160602

9/1 57

9701

160 8/27

160604

8/31 58

9702

160 8/27

160617

59

9703

160 8/14

heavily lodged

9704

160620

160 8/14

heavily lodged

9705

160626

56

160624

160 8/14

heavily lodged

P.I.

No.

~~160629~~

160626

9706

Ludwig Lohmeyer

H. 8/14

~~160630~~

160629

57

9707

H.

~~160633~~

160630

58

9708

H.

~~160634~~

160633

54

9709

H.

~~160644~~

160637

50

9710

H. 8/14

PI.

No.

9711

HL

~~160656~~

160644

49

9712

HL

~~160657~~

160656

44

9713

HL

~~160665~~

160657

51

9714

HL

~~160674~~

160665

55

9715

HL

~~160699~~

160674

52

P.I.

No.

~~160729~~

160699

5.7

9716

No.

~~160735~~

160729

42

9717

No.

~~160740~~

160735

46

9718

No.

~~160751~~

160740

43

9719

No.

~~160752~~

160751

45

9720

No.

PI.

No.

9721

~~160768~~

160752

8/31 44

Nov 8/29

9722

~~160770~~

160768

Hv

Mixture

9723

~~160771~~

160770

60

Hv

Lodging

9724

~~160781~~

160771

8/31 43

Nov 8/29

9725

~~160781~~

160781

43

Hv

P.I.

No.

~~160787~~

160784

54

9726

4/0.

~~160788~~

160787

9727

4/0

~~160789~~

160788

9728

4/0

~~160803~~

160789

9729

4/0

~~160808~~

160803

54

9730

4/0

PI.

No.

9731

$\frac{y}{H_0}$

~~160809~~

160808

45

9732

$\frac{y}{H_0}$

~~160811~~

160809

46

9733

$\frac{y}{H_0}$

~~160815~~

160811

48

9734

$\frac{y}{H_0}$

~~160826~~

160815

49

9735

$\frac{y}{H_0}$

~~160830~~

160826

8/30 37

PI.

No.

~~160832~~

160830

sey.

9736

Hu

~~160834~~

160832

sey. h8

9737

Hu

~~160835~~

160834

50

9738

Hu

~~160842~~

160835

49

9739

Hu

~~160842A~~

160842

9740

Hu

PI.

No.

9741

Y/
Hu

160877

160862A

9742

Y/
Hu

160882

160877

9743

Y/
Hu

160895A

160882

9744

Y/
Hu

160901

160895A

9745

Y/
Hu.

160911

160901

P.I.

No.

~~160913~~

160911

9746

No

~~160929~~

160913

9747

No

~~160940~~

160929

9748

No

~~160945~~

160940

9749

No

~~160948~~

160945

9750

No

Transplant to greenhouse:

9009, 10, 11 or 12 ✓ No all seed.

9260

9265

9279 Blast resistant

9272

9359 Dima

9419 No all seed

$$\begin{array}{r} 42 \\ 9 \\ \hline 378 \end{array}$$

$$\begin{array}{r} 9501 \\ 378 \\ \hline 9879 \end{array}$$

9940

100

Nr 9467 for full purple
and increase

cross 9386 with am. Var. (V short)

1957

WORLD COLLECTION
#2

UNITED STATES
DEPARTMENT OF AGRICULTURE

FIELD NOTES

AGRICULTURAL RESEARCH SERVICE
FIELD CROPS RESEARCH BRANCH
COTTON AND OTHER FIBER CROPS

If this notebook is lost, will finder please mail to:

U. S. DEPARTMENT OF AGRICULTURE
Field Crops Research Branch
Plant Industry Station
Beltsville, Maryland

16-61780-2

SUGGESTIONS CONCERNING FIELD DATA AND NOTES

COTTON AND OTHER FIBER CROPS

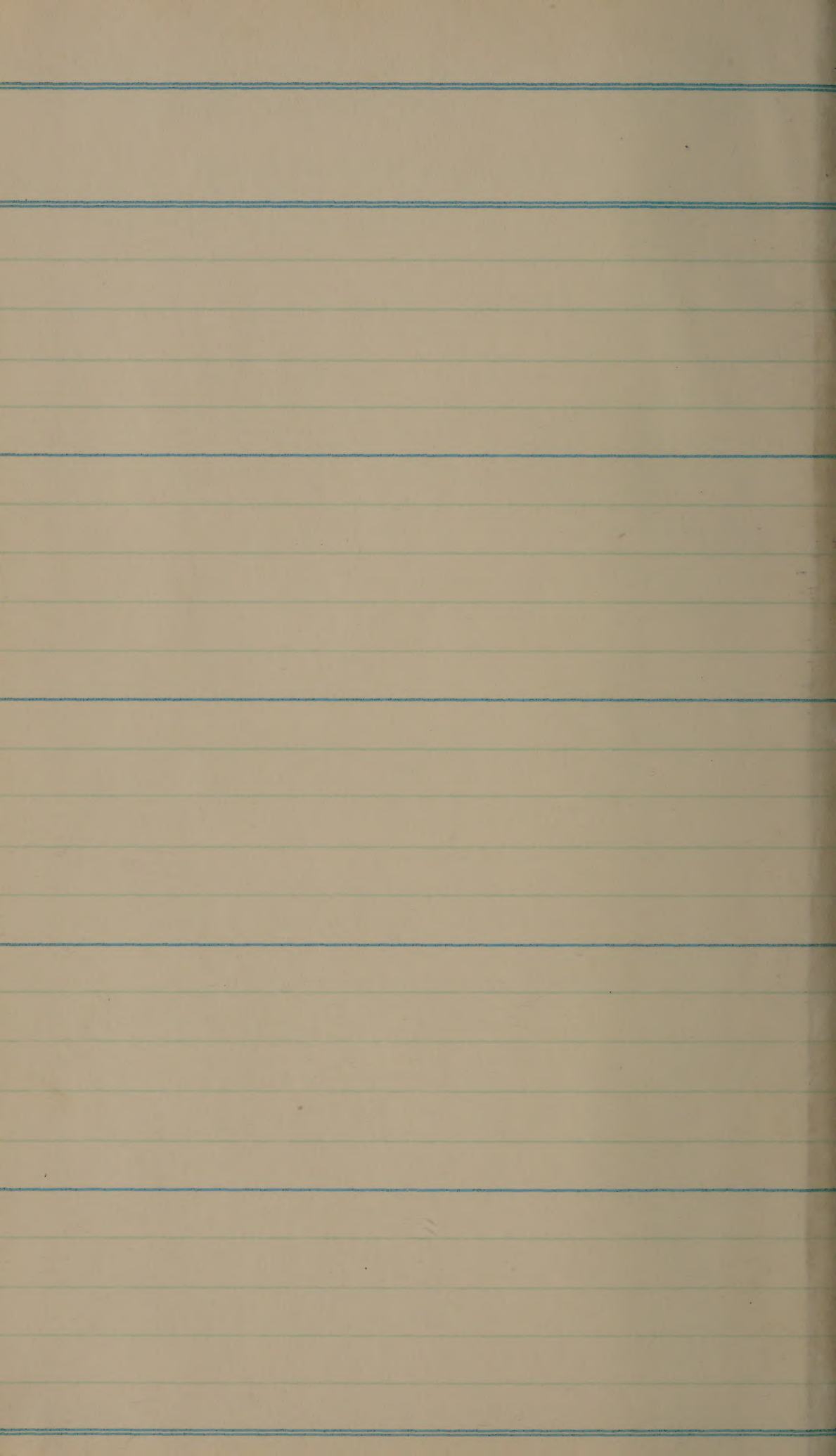
It is suggested that the following general information be recorded for each field experiment:

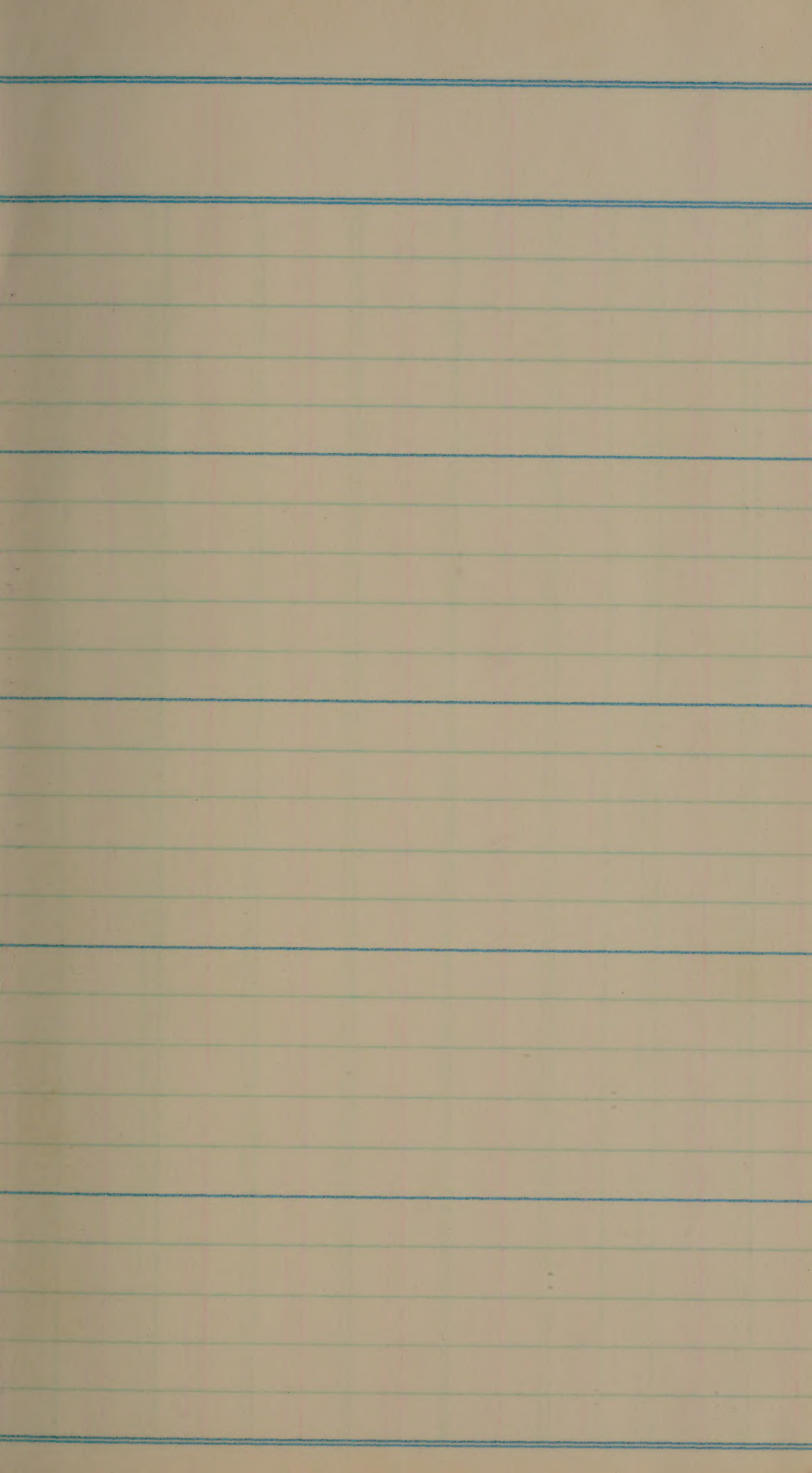
1. Name of experiment or study.
2. Soil type.
3. Previous crops and fertilizers (2 years).
4. Preparation of land: (a) Methods (b) Dates
5. Size of plot:
 - (a) Area in square feet
 - (b) Number of rows
 - (c) Length of rows
 - (d) Width of rows
6. Fertilizer:
 - (a) Pounds per acre
 - (b) Analysis (N-P-K)
 - (c) Time of application
 - (d) Method of application
 - (e) Side dressings
7. Planting: (a) Date (b) Rate (c) Method
8. Thinning: (a) Date (b) Method (c) Approximate optimum spacing attempted
9. Cultivation: (a) Implements used (b) Dates
10. Dates at which all notes and samples are taken.
11. Dates of pickings.

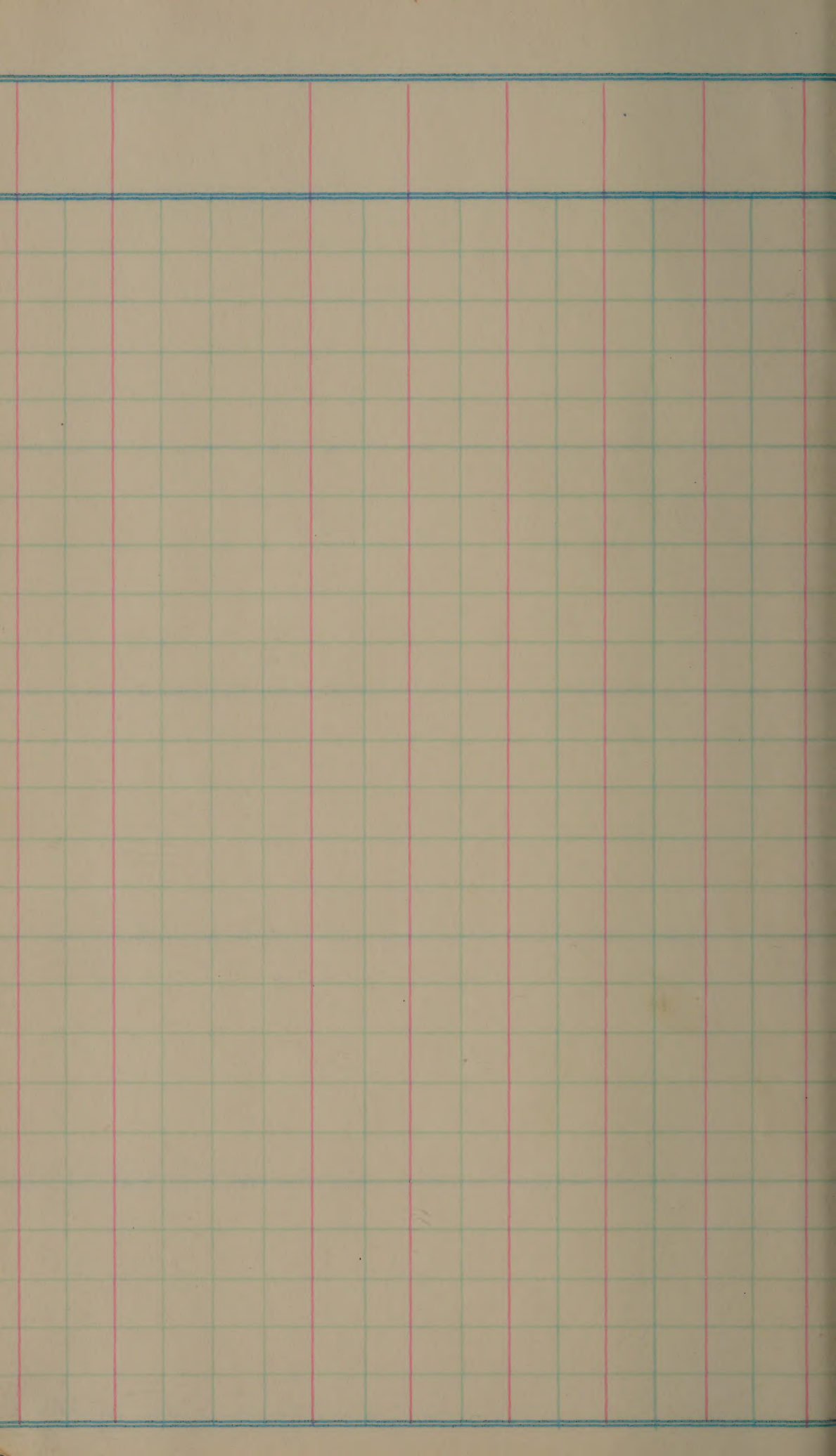
The following suggestions are made in regard to recording data:

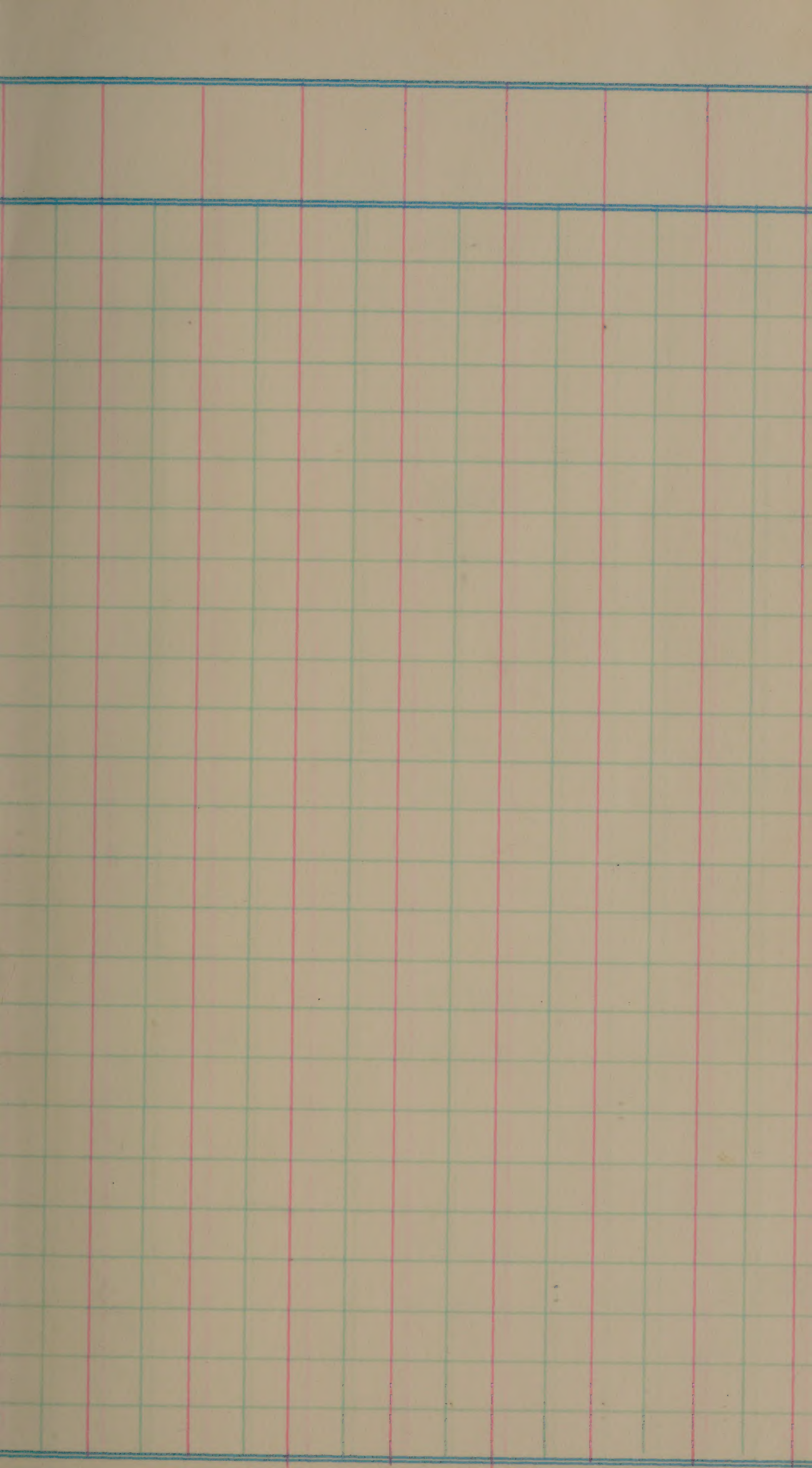
1. Record all dates as figures, giving the month and day of month, as 5/16 (May 16).
2. Record all field weights in pounds and decimal fractions of pounds. The requisite accuracy depends somewhat on the size of sample, but for ordinary size plots 0.1 pound is usually satisfactory. It is suggested that small samples be weighed more accurately (0.01 pound).
3. Estimations, such as seeding vigor, shedding, color, etc., may be recorded either numerically or with letter designations, as is found convenient; for example (seeding vigor), 1=Excellent, 2=Good, 3=Medium, 4=Fair, and 5=Poor; or E=Excellent, G=Good, M=Medium, F=Fair, and P=Poor. An explanation of legends should be recorded for each variable and experiment.
4. Diseases and insect pests.
 - (a) GENERAL.—Attack by diseases or insect pests should be recorded by suitable legends to indicate type of disease or pest, percent of plants killed or affected, and in serious attacks, estimating crop loss. For example, FW *5/35-7. (Footnote* Fusarium wilt 5 percent plants killed, 35 percent affected, 7 percent loss estimated).
 - (b) SPECIAL.—Where the book is used for taking notes on regional field tests on disease resistance, treatments, etc., it is suggested that directions which are furnished for taking uniform data be pasted, or copied, in the front of the book.
5. Diagram, to scale, the block on which each experiment is conducted, showing visible soil differences, variable plant response attributable to soil differences, drainage, or unequal irrigation, slope of land or contours, or any other features which may materially assist in interpreting the results. The square ruled paper in the front of the book may be found useful for this purpose.
6. Explain clearly all legends used.
7. Identify all experiments as to location on blocks and YEAR.

For types of experiments for which this book does not provide ample page space, larger sheets should be utilized. In taking data, which are to be reported in this book, or on larger sheets especially provided, the field or laboratory determination should be written directly at the time of weighing or otherwise determining, and submitted to Washington, or filed as the permanent record. Avoid all possible transcribing or typing of raw data.









P.I.
No.

9751

Y
Hu

~~160963~~

160948

9752

Y
Hu

~~160966~~

160963

9753

Y
Hu

~~160975~~

160966

9754

Y
Hu

~~160994~~

160975

9755

Y
Hu.

~~161024~~

160994

PI.

No.

161025

161024

9756

No.

161029

161025

9757

No.

161048

161029

9758

No.

161077

161048

9759

No.

162080?

^{on}
~~161080~~

161077

9760

No.

P.I.
No.

9761

Y/
Hu.

~~161085~~
161080

9762

Y/
Hu.

~~161565~~
161085

9763

Y/
Hu.

~~161566~~
161565

9764

Y/
Hu.

~~161570~~
161566

9765

Y/
Hu.

~~162131~~
161570

PI

No.

~~162172~~

162131

9766

Hu

~~162180~~

162172

9767

Hu

~~162184~~

162180

9768

Hu

~~162207~~

162184

9769

Hu

~~162210~~

162207

9770

Hu

P.I.

No.

9771

Hu

~~162236~~

162210

9772

Hu

~~162239~~

162236

9773

Hu

~~162256~~

162239

9774

Hu

~~162276~~

162256

9775

Hu.

~~162283~~

162276

PI.

No.

~~162291~~

9776

162283

✓ He 8/14

~~162298~~

9777

162291

He.

~~162299~~

9778

162298

He

~~162311~~

9779

162299

He.

~~162330~~

9780

162311

He

P.I.

No.

9781

✓Hv.

~~162332~~

162330

9782

✓Hv.

~~162333~~

162332

9783

✓Hv.

~~162341~~

162333

9784

✓Hv.

~~162357~~

162341

9785

✓Hv.

~~162359~~

162357

PI.

No.

~~162361~~

162359

9786

✓ 162 8/14

~~162362~~

162361

9787

Hu.

~~162363~~

162362

9788

Hu.

~~162373~~

162363

9789

Hu.

~~162380~~

162373

✓ Hu. 9790

PI
No.

9791

Hu

~~163336~~

162380

9792

Hu

~~168948~~

163336

9793

Hu

~~177219~~

168948

9794

Hu

~~181977~~

177219

9795

Hu

~~182250~~

181977

P.I.

No.

~~184495~~

182250

9796

HL

~~184676a~~

184495

9797

HL

~~185603~~

184676A

9798

HL

~~193153~~

185603

9799

HL

~~197613~~

193153

9800

HL

P.I.
No.

9801

~~198139~~

197613

HL

9802

~~199540~~

198139

HL

9803

~~199542a~~

199540

HL

9804

~~199552~~

199542A

HL

9805

~~207010B~~

199552

HL

P.I.
No.

208456B

9806

207010B

Y/L

209517B

9807

208456B

Y/L

209518B

9808

209517B

Y/L

209519

9809

209518B

Y/L

209933

9810

209519

Y/L

PI.

9811

Lu

~~209934~~

209933

9812

Lu

~~209937~~

209934

9813

Lu

~~215479~~

209937

9814

Lu

~~215482~~

215479

9815

Lu

~~215483~~

215482

PI.
No.

~~215484~~

215483

9816

HL

~~215486~~

215484

9817

HL

~~215830~~

215486

9818

HL

~~215837~~

215830

9819

HL

~~215881~~

215837

9820

HL

P.I.

No.

98218

Ho

~~215883~~

215881

98222

Ho

~~215886~~

215883

98232

Ho

~~215890~~

215886

98242

Ho

~~215900~~

215890

98252

Ho

~~215929~~

215900

PI.

No.

~~215932~~

215929

9826

✓

~~215933~~

215932

9827

✓

~~215937~~

215933

9828

✓

~~215939~~

215937

9829

✓

~~215941~~

215939

9830

✓

PI.

No.

9831

Lu

~~215942~~

215941

9832

Lu

~~215949~~

215942

9833

Lu

~~215971~~

215949

9834

Blank plot
NOT Lu

~~215973~~

215971

9835

Lu

~~215977~~

215973

P.I.

No.

~~215998~~

215977

9836

not H.

~~215979~~

215978

9837

H

~~215981~~

215979

9838

H

~~215982~~

215981

9839

H

~~215985~~

215982

9840

H

PI.
No.

9841

Flu

~~215987~~

215985

9842

Flu

~~215990~~

215987

9843

Flu

~~215994~~

215990

9844

Flu

~~215998~~

215994

9845

Flu

~~216000~~

215998

PI.

~~216015~~

216000

Y/
H

9846

~~223176~~

216015

Y/
H

9847

~~160463~~

223176

Y/
H

9848

~~160469~~

160463

Y/
H

9849

~~160533~~

160469

Y/
H

9850

DI
No.

9851

Hu

~~160567~~
160533

9852

Hu

~~160616~~
160567

9853

Hu

~~160670~~
160616

9854

Hu

~~160697~~
160680

9855

Hu

~~160716~~
160697

PI
No.

~~160753~~

160716

9856

✓

~~160758~~

160753

9857

✓

~~160765~~

160758

9858

✓

~~160766~~

160765

9859

✓

~~160805~~

160766

9860

✓

PI
No.

9861

HL

~~160814~~

160805

9862

HL

~~160816~~

160814

9863

HL

~~160819~~

160816

9864

HL

~~160827~~

160819

9865

HL

~~160829~~

160827

PI.

No.

~~160946~~

160829

9866

Y/L

~~161027~~

160946

9867

Y/L

~~209935~~

161029

9868

Y/L

~~215885~~

209935

9869

Y/L

~~215898~~

215885

9870

Y/L

PI
No.

9871

✓/No

~~215934~~

215898

9872

✓/No

~~215935~~

215934

9873

✓/No

~~215940~~

215935

9874

✓/No

~~215944~~

215940

9875

✓/No

~~215950~~

215944

CT.
No.

215950

9876

Av.

UNITED STATES
DEPARTMENT OF AGRICULTURE

FIELD NOTES

AGRICULTURAL RESEARCH ADMINISTRATION
BUREAU OF PLANT INDUSTRY, SOILS, AND
AGRICULTURAL ENGINEERING
DIVISION OF COTTON AND OTHER FIBER CROPS
AND DISEASES

Earle J. P. 49 notes on page 82

If this notebook is lost will finder please mail to:

U. S. DEPARTMENT OF AGRICULTURE

Bureau of Plant Industry, Soils, and
Agricultural Engineering,

Division of Cotton and Other Fiber Crops
and Diseases

Washington 25, D. C.

SUGGESTIONS CONCERNING FIELD DATA AND NOTES

DIVISION OF COTTON AND OTHER FIBER CROPS AND DISEASES

It is suggested that the following general information be recorded for each field experiment:

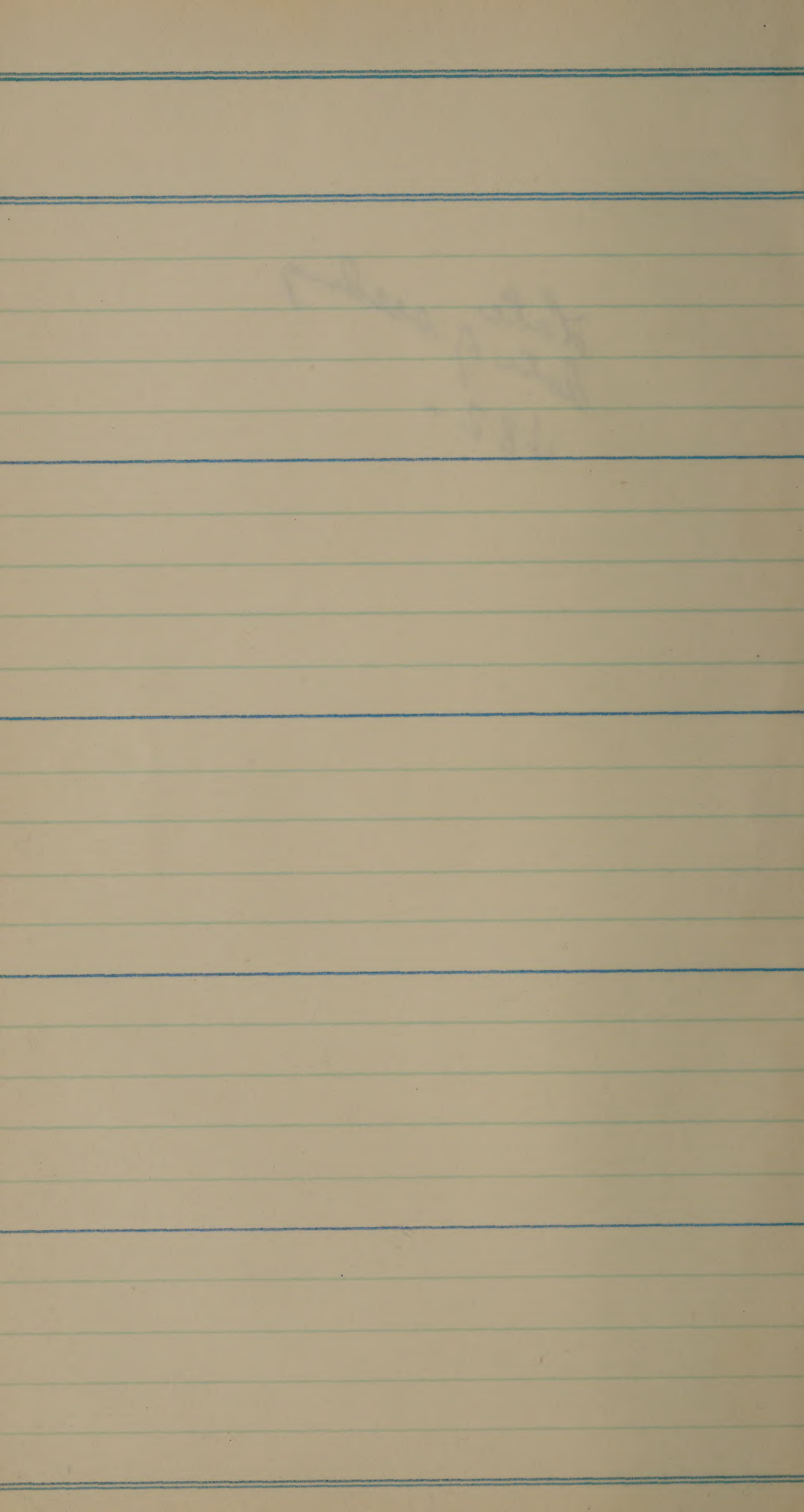
1. Name of experiment or study.
2. Soil type.
3. Previous crops and fertilizers (2 years).
4. Preparation of land: (a) Methods (b) Dates
5. Size of plot:
 - (a) Area in square feet
 - (b) Number of rows
 - (c) Length of rows
 - (d) Width of rows
6. Fertilizer:
 - (a) Pounds per acre
 - (b) Analysis (N-P-K)
 - (c) Time of application
 - (d) Method of application
 - (e) Side dressings
7. Planting: (a) Date (b) Rate (c) Method
8. Thinning: (a) Date (b) Method (c) Approximate optimum spacing attempted
9. Cultivation: (a) Implements used (b) Dates
10. Dates at which all notes and samples are taken.
11. Dates of pickings.

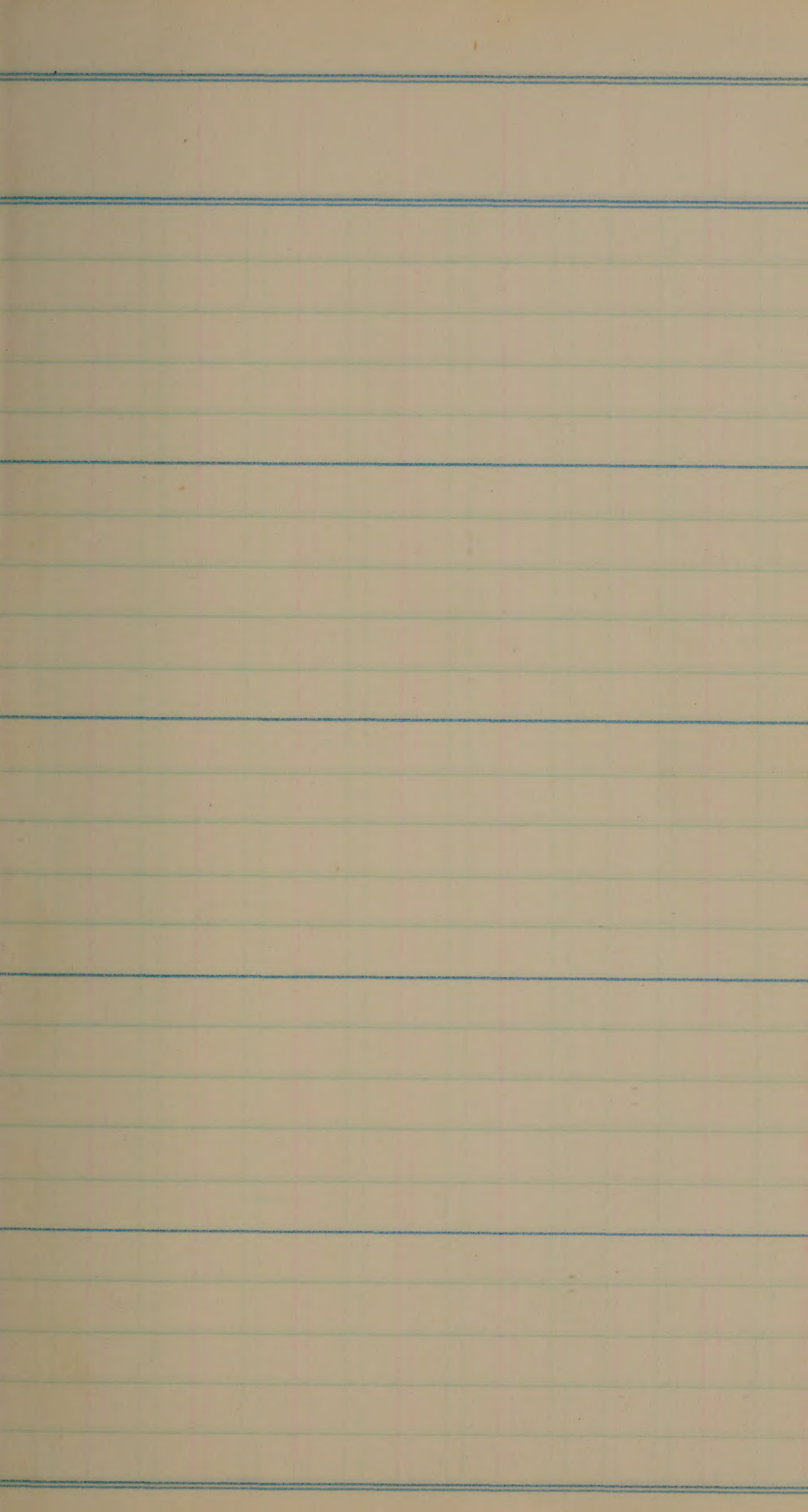
The following suggestions are made in regard to recording data:

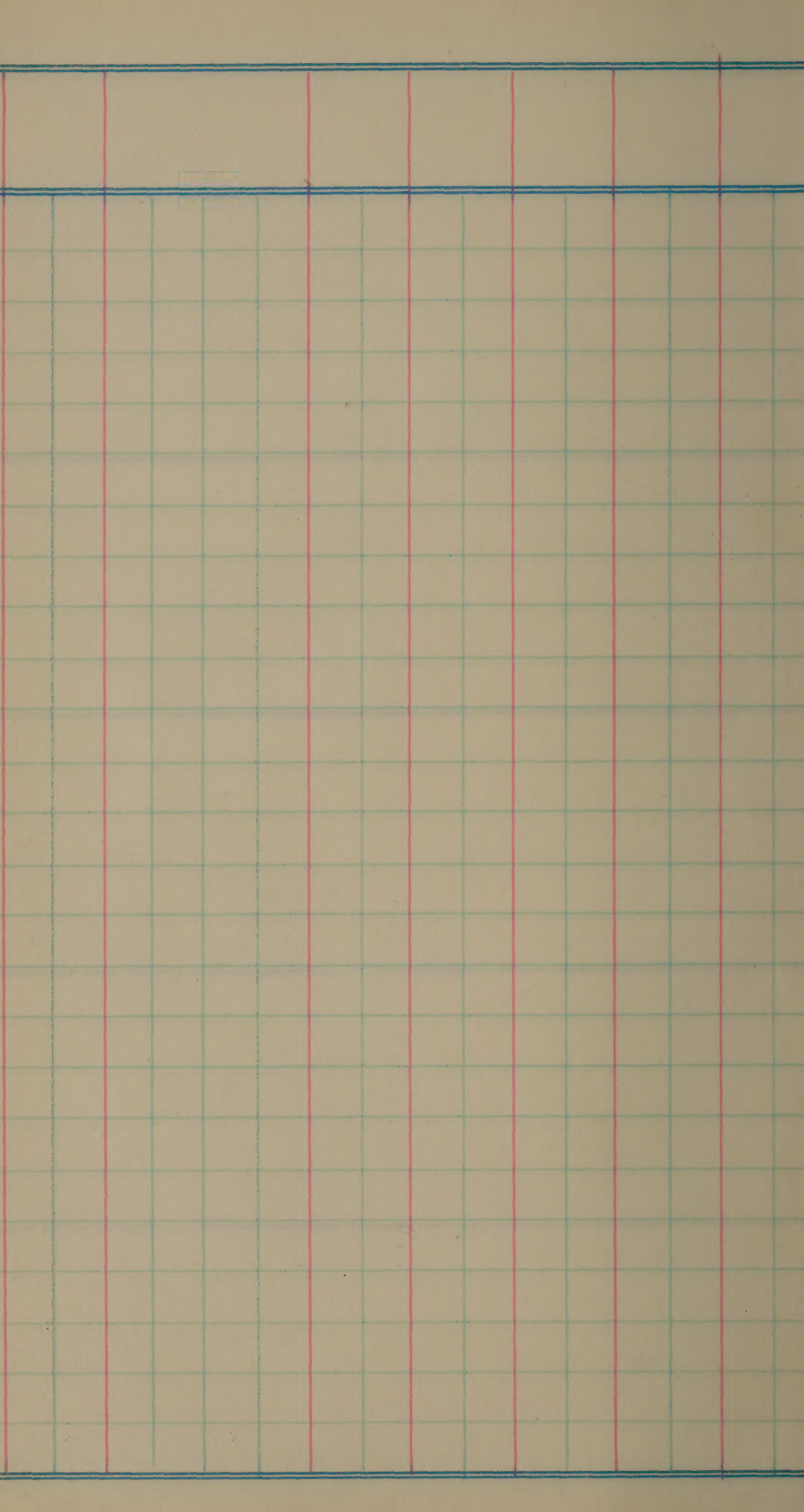
1. Record all dates as figures, giving the month and day of month, as 5/16 (May 16).
2. Record all field weights in pounds and decimal fractions of pounds. The requisite accuracy depends somewhat on the size of sample, but for ordinary size plots 0.1 pound is usually satisfactory. It is suggested that small samples be weighed more accurately (0.01 pound).
3. Estimations, such as seeding vigor, shedding, color, etc., may be recorded either numerically or with letter designations, as is found convenient; for example (seeding vigor), 1=Excellent, 2=Good, 3=Medium, 4=Fair, and 5=Poor; or E=Excellent, G=Good, M=Medium, F=Fair, and P=Poor. An explanation of legends should be recorded for each variable and experiment.
4. Diseases and insect pests.
 - (a) GENERAL.—Attack by diseases or insect pests should be recorded by suitable legends to indicate type of disease or pest, percent of plants killed or affected, and in serious attacks, estimating crop loss. For example, FW *5/35-7. (Footnote* Fusarium wilt 5 percent plants killed, 35 percent affected, 7 percent loss estimated).
 - (b) SPECIAL.—Where the book is used for taking notes on regional field tests on disease resistance, treatments, etc., it is suggested that directions which are furnished for taking uniform data be pasted, or copied, in the front of the book.
5. Diagram, to scale, the block on which each experiment is conducted, showing visible soil differences, variable plant response attributable to soil differences, drainage, or unequal irrigation, slope of land or contours, and any other features which may materially assist in interpreting the results. The square ruled paper in the front of the book may be found useful for this purpose.
6. Explain clearly all legends used.
7. Identify all experiments as to location on blocks and YEAR.

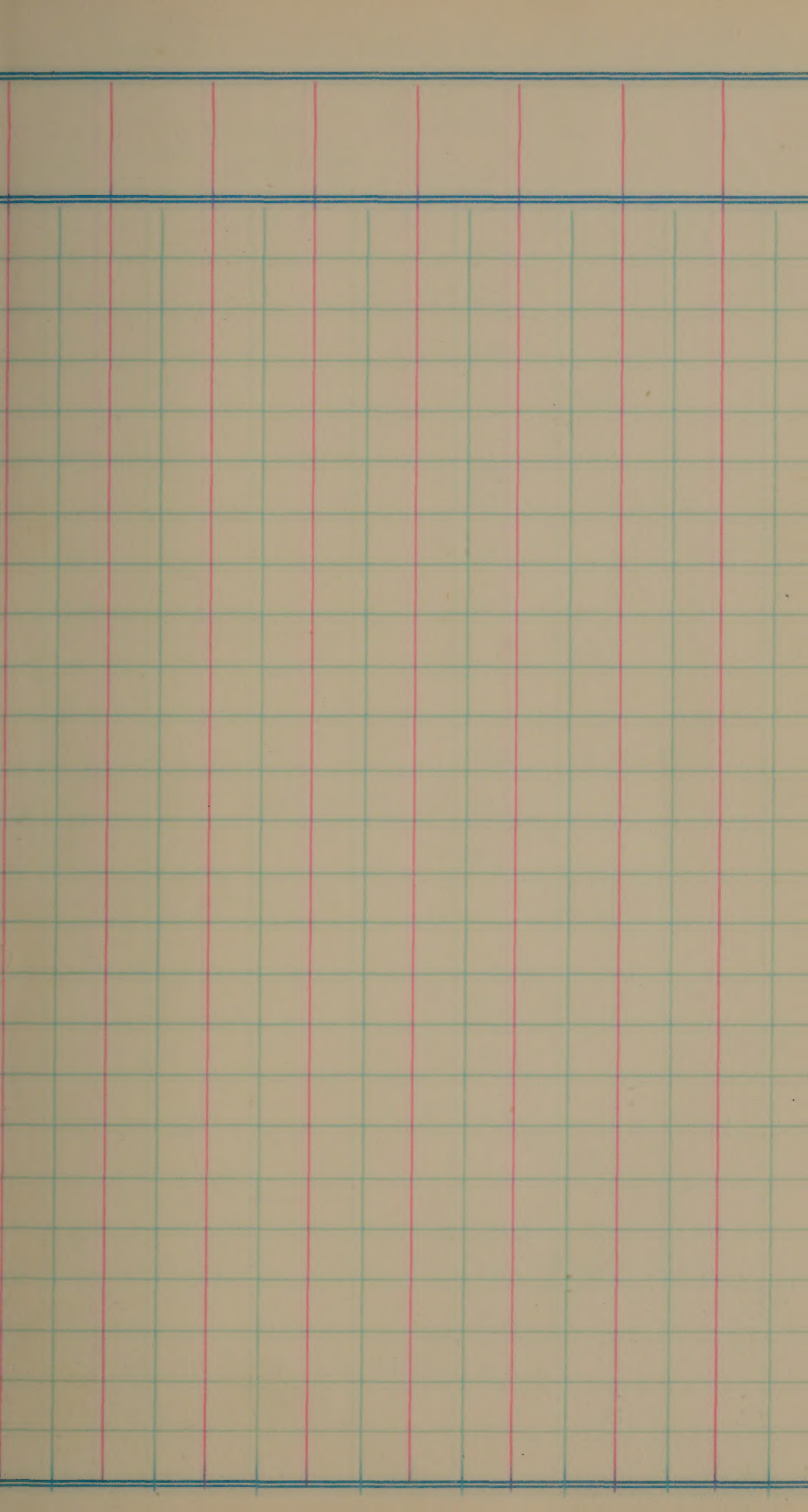
For types of experiments for which this book does not provide ample page space, larger sheets should be utilized. In taking data, which are to be reported in this book, or on larger sheets especially provided, the field or laboratory determination should be written directly at the time of weighing or otherwise determining, and submitted to Washington, or filed as the permanent record. Avoid all possible transcribing or typing of raw data.

Late
date of seeding
482 -









1 discard series of just cattle, except st. var

Eagle Lake Str
Seed

DATES			PLANT HT. (IN.)
HEADING		FULL	
1ST	FULL	RIPE	

461 Zenith 101
218 ✓
308 ✓
(405)

462 Nato ~~21~~
220 ✓
306 ✓
(401)

463 Colusa 103
✓ 213 Some low down
302 ✓
(404)

464 CaLORO 104
219 ✓
305 ✓
425

465 Century Patna 231 no seed in 1st row
105 In 2nd v. little seed set
217 ✓
310 ✓ Saved portion - with consid
seed set in 3rd series
Fd.

Reduction due to

↓
Sts
Wd
%

90

90

70

60

50

50

50

35

20

60

60

35

100

100

90

Intermixed to tail $7/12$, intermixed color

Intermixed to tail $7/12$, intermixed color

Intermixed to, dark color $7/12$

Short to dark color $7/12$

Intermixed to color on $7/12$

[illegible]

D A T E S			PLANT HT. (IN.)
HEADING	FULL		
1ST FULL	RIPE		

Original Century

466

106

✓ 216 damaged by cow disease

307 ✓

38E

Bluebonnet 50

467

107

✓ 212 damaged by cows

309 ✓

7d

Sunbonnet

468

108

215 ✓

301 ✓

(420)

Toro

469

109

221 ✓

303 ✓ cows destroyed

(417)

Improved Bluebonnet, 10

470

214 ✓

304 ✓

(415)

14
140.

75

25

Explanatory

10

80

20

10

100

100

100

80

50

25

95

95

95

Interned ht & color on 7/12

Interned ht wider leaves than
Imbouned + Toro.

Interned ht & color on 7/12

Interned ht & color on 7/12

Tallest in group on 7/12 interned color

[illegible]

D A T E S		PLANT HT. (IN.)
HEADING	FULL	
1ST FULL	RIPE	

B508A1-34-1-1,

471

111 ✓

210 ✓

318 ✓

(277)

B4513A2-12-2-2-3, 112

472

204

321

(416)

B55-5665

473

113

202 badly done by com

314

(p. Seed)

B502A2-113-9

474

114

205

317

18E
Hd Row

B502A2-60-1-2, 115

475

209

319

(813)

Same as 297

1h
1h

50

15

10

50

50

15

30

(20?)

10

40

20

15

30

60

20

Intermixed bit on $\frac{7}{12}$ dark color

Tall seg bit intermixed color $\frac{7}{12}$

Intermixed bit & color $\frac{7}{12}$

Intermixed bit & color on $\frac{7}{12}$

Rather short bit & intermixed color $\frac{7}{12}$

DATE	TIME	HEADING	REMARKS
1-28-1902	10:00	100	(100)
1-28-1902	10:15	100	(100)
1-28-1902	10:30	100	(100)
1-28-1902	10:45	100	(100)
1-28-1902	11:00	100	(100)
1-28-1902	11:15	100	(100)
1-28-1902	11:30	100	(100)
1-28-1902	11:45	100	(100)
1-28-1902	12:00	100	(100)
1-28-1902	12:15	100	(100)
1-28-1902	12:30	100	(100)
1-28-1902	12:45	100	(100)
1-28-1902	13:00	100	(100)
1-28-1902	13:15	100	(100)
1-28-1902	13:30	100	(100)
1-28-1902	13:45	100	(100)
1-28-1902	14:00	100	(100)
1-28-1902	14:15	100	(100)
1-28-1902	14:30	100	(100)
1-28-1902	14:45	100	(100)
1-28-1902	15:00	100	(100)
1-28-1902	15:15	100	(100)
1-28-1902	15:30	100	(100)
1-28-1902	15:45	100	(100)
1-28-1902	16:00	100	(100)
1-28-1902	16:15	100	(100)
1-28-1902	16:30	100	(100)
1-28-1902	16:45	100	(100)
1-28-1902	17:00	100	(100)
1-28-1902	17:15	100	(100)
1-28-1902	17:30	100	(100)
1-28-1902	17:45	100	(100)
1-28-1902	18:00	100	(100)
1-28-1902	18:15	100	(100)
1-28-1902	18:30	100	(100)
1-28-1902	18:45	100	(100)
1-28-1902	19:00	100	(100)
1-28-1902	19:15	100	(100)
1-28-1902	19:30	100	(100)
1-28-1902	19:45	100	(100)
1-28-1902	20:00	100	(100)
1-28-1902	20:15	100	(100)
1-28-1902	20:30	100	(100)
1-28-1902	20:45	100	(100)
1-28-1902	21:00	100	(100)
1-28-1902	21:15	100	(100)
1-28-1902	21:30	100	(100)
1-28-1902	21:45	100	(100)
1-28-1902	22:00	100	(100)
1-28-1902	22:15	100	(100)
1-28-1902	22:30	100	(100)
1-28-1902	22:45	100	(100)
1-28-1902	23:00	100	(100)
1-28-1902	23:15	100	(100)
1-28-1902	23:30	100	(100)
1-28-1902	23:45	100	(100)
1-28-1902	24:00	100	(100)

D A T E S			PLANT HT. (IN.)
HEADING		FULL	
1ST	FULL	RIPE	

B502A2-96-1-1, 116
476 201
311

(912)

B502A2-98-1, 117
477 207
320

(413)

B502A2-7-7-2, 118
478 208

(286)

313 *Seg hull color*

⁴⁷⁹⁹
846-~~4997~~-5-4, 119
479 206
315

(139)

B5223A5-14-1, 120
480 211
316

(246)

str
124

30

20

10

30

50

15

30

40

20

cattle

100

100

30

40

20

intermed lit color $\frac{1}{2}$

short lit, intermed color $\frac{1}{2}$

short lit, intermed color $\frac{1}{2}$

intermed lit, + color on $\frac{1}{2}$

dark color, short lit on $\frac{1}{2}$

D A T E S		P L A N T H T. (IN.)
HEADING	FULL	
1ST FULL	<u>RIPE</u>	

B5233A1-99-2, 121

481

203

312

(274)

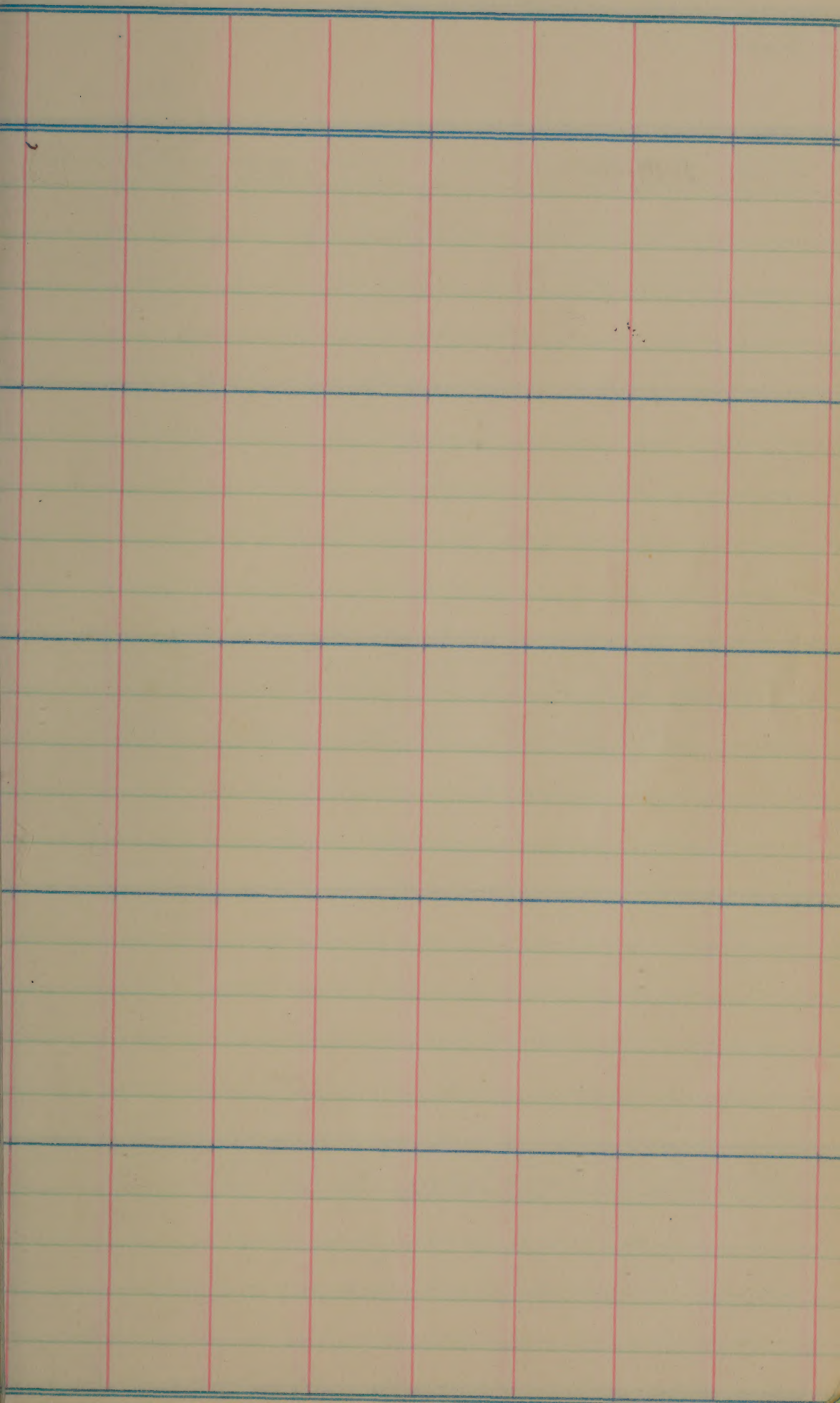
sti
14a

30

25

15

light green color & returned at 7 1/2



Seed INCREASE and Other Material

Block

X 3SW B501A1-26-9-2, BBtxB433A2-6 (B56-279)
 Low Gelat. Temp. Sown 5/17
 Same as 439 1st head 8/24, Ripe 9/24
 5/17 28 rows

X 3SW B502A2-7-7, BBtxCP231 (B56-836-1)
 Low Iodine. 1st head 8/24 Ripe 9/25
 28 rows

36W F₂ Populations Sown 7/1 9/12

SOWN ON S S , 1957 Crop.

not

174

204

204

304

X 37W B502A 2-98-1-6, BBt x CP 231 (B56-304)

Similar to 440 sown 5/21

1st head 8/29 Ripe 10/6

Ku. 10/7

X 38W B5117A 2-4-1, CP 231 x C.I. 9122 (B56-739/6)

1st head 8/5/8 sown 5/21 (28 rows)

Ripe 9/4 gold hulls, fairly large
stems, consid leaf drying, grain questionable shape
(Rugged appearance) 106 days

X 38W B5117A 2-4-1, CP 231 x C.I. 9122 (B56-215)

28 rows

178 lbs. (3 rx.)

nit

290

424

163

24

78

24

X 39W X-157-3-4, BBt50 (Irrad. Dwarf) (56-890)
 Sown 5/17 1st head 8/25 (28 rows)
 Ripe 9/27

X 39W X-157-3-4, BBt50 (Irrad. Dwarf) (56-891-1)
 Sown 5/17 1st head 8/25 (all) -4
 Ripe 9/27 -5
 -6

X 40W Honduras (40 rows) ~~old seed~~
 1st head 8/16 Sown 5/17
 Ripe 9/20
 Hr. 9/30

40W B5223A5-4-2, CI 9122 x BBt50 (856-757)
 1st head; about 8/10 (12 rows)
 Ripe 9/12
 Hr. 9/19 CI 9382

nt

323

→ 42x Includes 56-89/

↑

7 rows
 7 rows
 7 rows
 7 rows

146

22x

see next page

C.I. 9383

X 41W B5223A5-4-2, C.I. 9122 x BBt50 (B56-757)
 sown 5/17 1st head 8/10 ^{same as B56-245} 36 rows

Ripe 9/11 117 days to mat.

No 9/19

Same as plot

X 41W B5117A2-28-3, CP231 x C.I. 9122 (B56-209)
 1st head 8/17 sown 5/17 20 rows

Very uniform heading
 Ripe 9/16 2 st

may 17

30

not

246

30x

To be sown

150

2 sy

X 42W B5223A5-14-1, C.I. 9122 x BBT50 (B56-758/3)
 sown 5/17, 1st head 8/25 (34 rows)
 See plot 431, Ripe 9/26

16 10/7

X 42W B5223A5-14-1, C.I. 9122 x BBT50 (B56-758/5)
 + 43W 1st head 8/25 18 rows
 Ripe 9/26 35 "
 16 10/7

43W Tetraploid CP 231 (5 rows)
 sown 5/17

nt

242

324

316

424

2W

+3W

43W Cakoro #2 1 row, (Australia) 1st head 8/20
 Late Cakoro 1 row, (") 1st head 9/26
 Texas Patna (Labay Bros), 2 rows 1st head 9/24
 Sown 5/29

44W F₂ Genetic Studies
 Sown 5/20
 Ripe 9/11

45W C.F. 9214 20 populations + 4 rows of each
 (Rogue) 1st head 9/2 Ripe 10/9
 Sown 5/20 Cut + threshed 10/14
 142 days sdy to mat.
 Cool weather delayed mat several days

not

Ripe 9/23 Is 2-3 inches shorter than Late Caloro
 Ripe 9/27

637

804

25E Irradiated Studies:

X₂ Rexoro, 16 Rows
sown 5/23

25E X₂, Texas Patna, 16 Rows
sown 5/23

Irradiated Studios

25E X₂ BBT50, 24 rows
Arvon 5/23

26E X₂ B502A2-113, 28 rows
Arvon 5/23

Irradiated Studies

26E X₃, CP231 (28 moe)
sown 5/23

X 27E Nato Head Row
sown 6/12, 1st head 8/30

28E to 37E

Herbicide Studies:

20*

273

344

X 38E B502 A2-60-1-1, BBt x CP231 (B56-296)
 (29 rows) Head Rows no heads 8/21 (1.43 per row)
 (5 rows) sown 5/21; 1st head 8/25

16 cu 10/2

Transplants from green house on south half

38E

X 39E B502 A2-60-1-2, BBt x CP231 (B56-297)
 sown 5/16 Head Rows
 V few heads 8/21, 1st head 8/23

16 cu 10/2

$\frac{20}{3}$

not

210

30x

415[#]

50x milled

40E B502A2-60-1-3, BBt x CP231 (B56-298)

don 5/16. Head Row

1st head 8/21; rogued 8/24

16. 80/2

4E Date Sq, Field Plots, June 12

Imp. BBt Rather tall reg 8/20

TORO Inturned reg 8/20

BBt50 Inturned reg 8/20

NIRA V Tall reg 8/20

see page 51

C.I. 9214

1 2 Rows

(Rogue)

4 "

14 "

16 "

Inturned 8/20

B502A2-113-B3

860/4, 4 rows Inturned Rt 8/20

"

860/5, 4 rows

" " "

B502A2-60-1-2, 813/4, 4 rows

Short reg 8/20

"

813/5, 4 rows

"

mt

401th

504

X 42E B502A2-7-1, BBt x CP231 (B56-283)

Head Rows (19 Rows) sown 5/20

light green color 8/16 1st head 9/25 Ripe 9/29

1/2. 9/30

X 42E B502A2-44-1, BBt x CP231, (B56-293)

Head Rows (20 Rows) sown 5/20

Dark green color 8/16, 1st head 8/16 Ripe 9/20

20 st. earlier than B502A2-96 (912)

V. good plot, watch, not as tall as A2-96

See Plot 423

1/2. 9/30

nt

195

324

June 500 hds

170

324

Sown 5/20

43E B5117A1-47-3, CP23/x, CI 9122 (B56-214)

Head Rows 13 Rows ^{1st head about 8/6} V. early, full head 9/20
 Sep. straw & gold, Bodily dam by birds 8/20
 See plot 413.

birds destruction

X 43E B502A2-96-1-1, BBt x CP231 (B56-815/3)

Head Rows (39 Rows) Sown 5/20
 V. tall neg. growth vigorous
 1st head 8/16 Ripe 9/25
 16 9/30

4

5

2

X 44 E B502A2-96-1-1, BBt x CP231 (B56-815/2)

Head Rows 10 Rows Sown 5/20
 1st head 8/16, Ripe 9/25
 16 9/30

wt

wt live

100 hds	92 [#]	224
100 hds	125	221
100 hds	116	224
→	97	224

100 hds
see next page

X 44E B502A2-96-1-1, BBT x CP231 (B56-912)

Sown 5/20 (32 Rows)

1st head 8/16, Ripe 9/25

Extremely uniform + heavy yielding

Hc. 9/30



X 45E B502A2-96-1-1 Sown 5/20 (B56-912)

1st head 8/22, Ripe 9/25

Hc. 9/30

not

no hls

no hls 385
524

51 Date of Seeding Sown, JUNE 12, 1957
Block 41E, S S
plant
heights

X 482 Improved Bluebonnet 9/19 10/2 10/21 51

X 483 Toro 9/14 9/25 10/18 48

Re 10/29

X 484 Bluebonnet 50 9/16 9/26 10/19 49

Re 10/29

485 NIRA 9/20 10/3 10/24 62

X 486 C.F. 9214 1 (2 rows) 9/24 10/6 10/27 49
(Rogue) 4 " " " "
14 " " " "
16 " " " "

June 18

July 31

Aug 31

Sept 30

Oct

See page 43

not

22

51

53

27

plant
let

X 487 B502A2-113-B3 $86\frac{0}{4}$ 9/7 9/18 10/16 46
 BBt xCP231
 (55-5665) $86\frac{0}{5}$

Nov 10/29

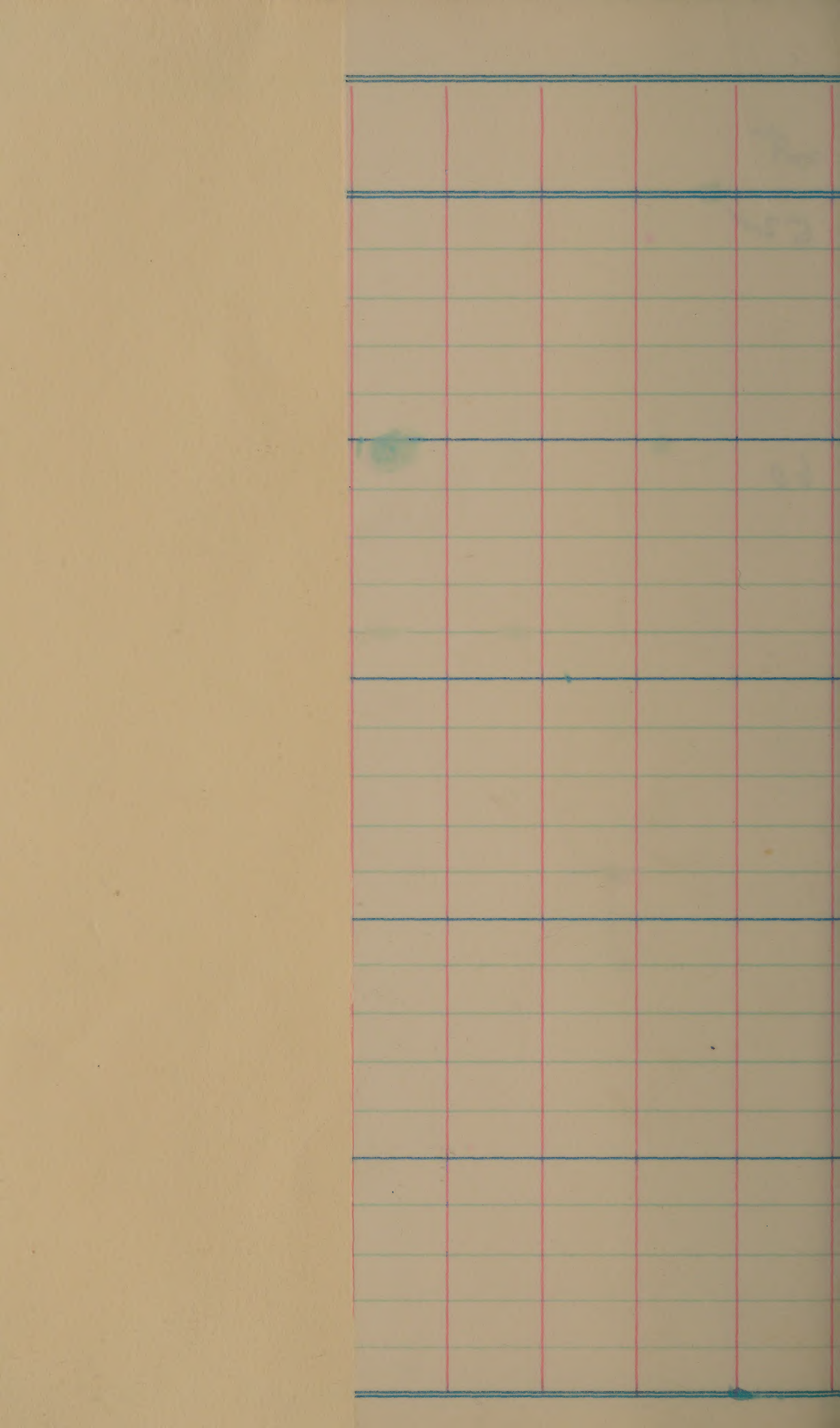
X 488 B502A2-60-1-2, $81\frac{3}{4}$ 9/11 9/21 42
~~813/5~~

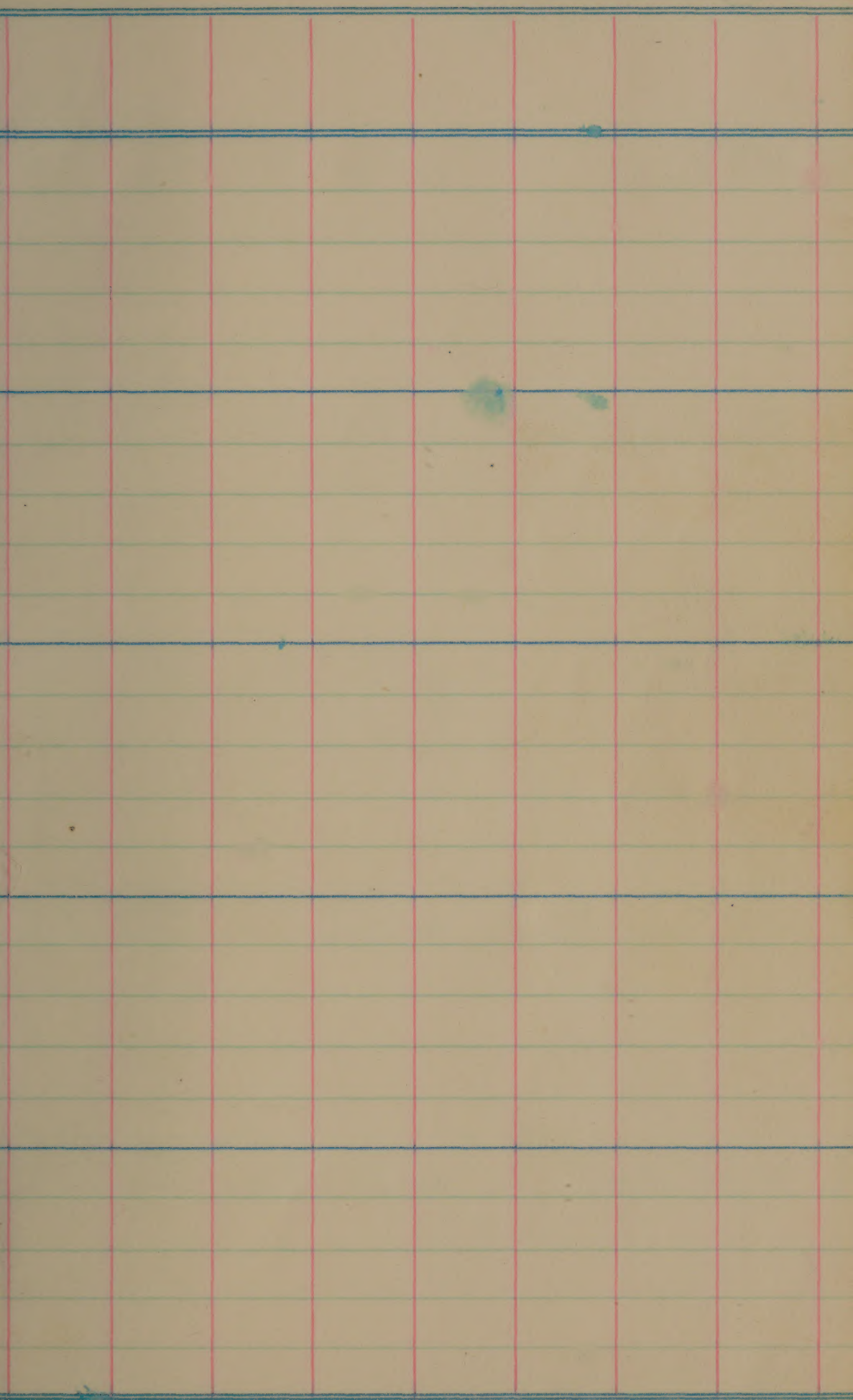
Nov 10/29

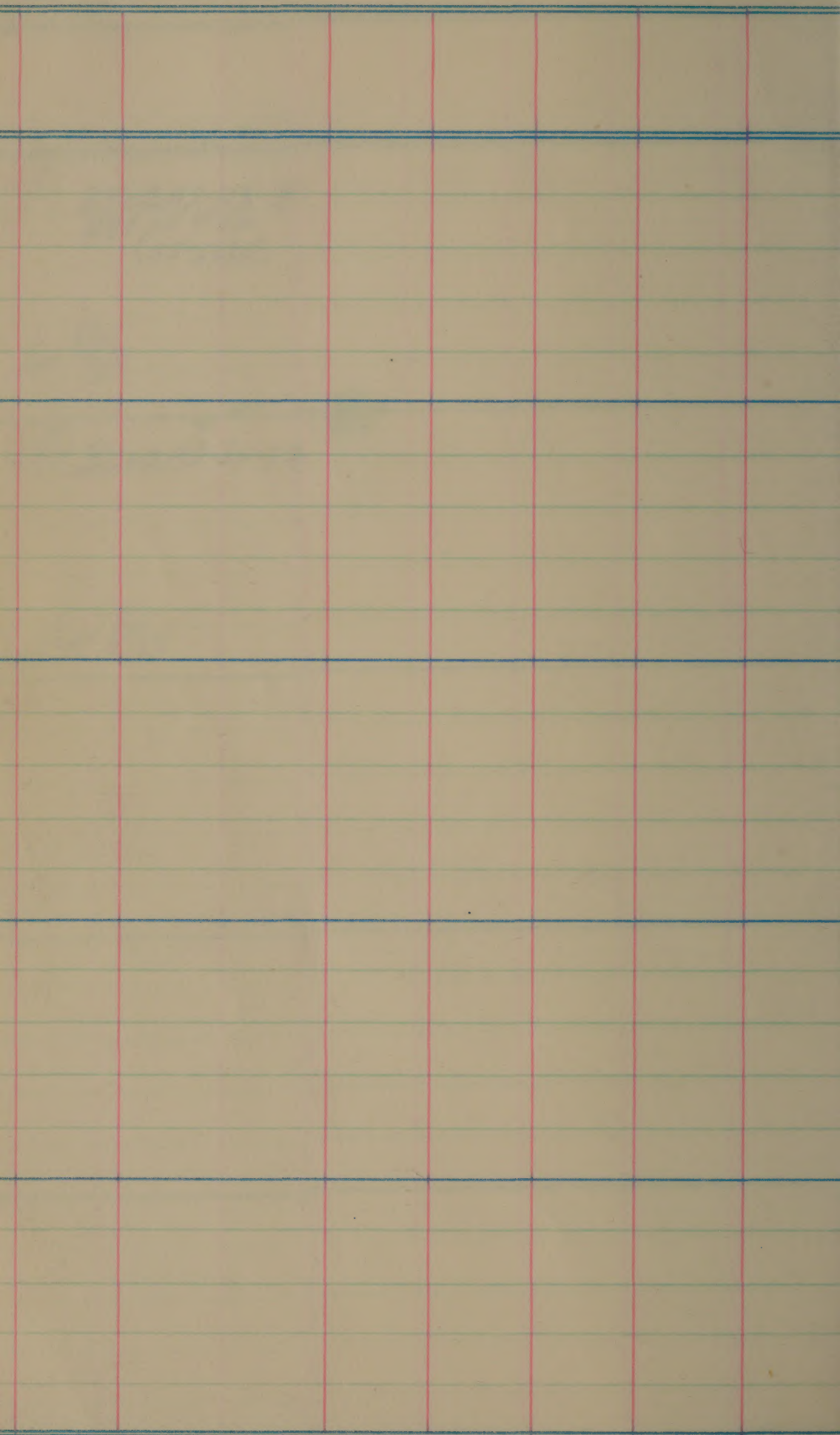
not

52

60







X 489 Zenith 405 9/19 9/21 10/19 51
 Heads are well filled

X 490 Early Prolific 402 9/18 9/26 10/19 52
 Heads well filled

X 491 Nato 401 9/19 9/27 10/19 45
 much sterility in plot, prob due to cold weather

X 492 Century Patna 231 409 9/23 10/3 10/25 44
 11. 1/2

X 493 Caloro 425 9/10 9/19 10/14 40
 Nov 10/18

Black: ⁴⁶/~~44~~E, S 4

not

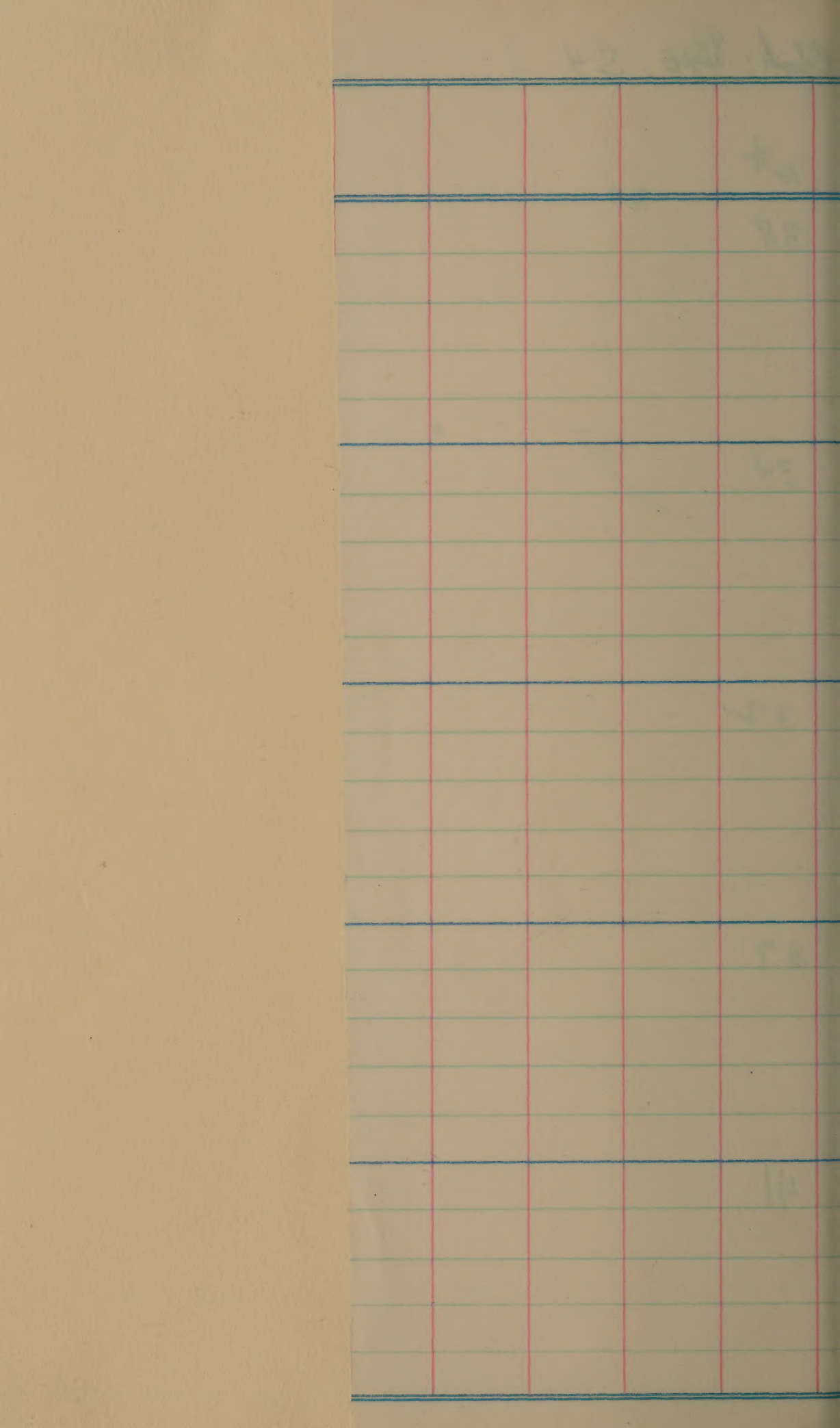
38

34

32

37

41

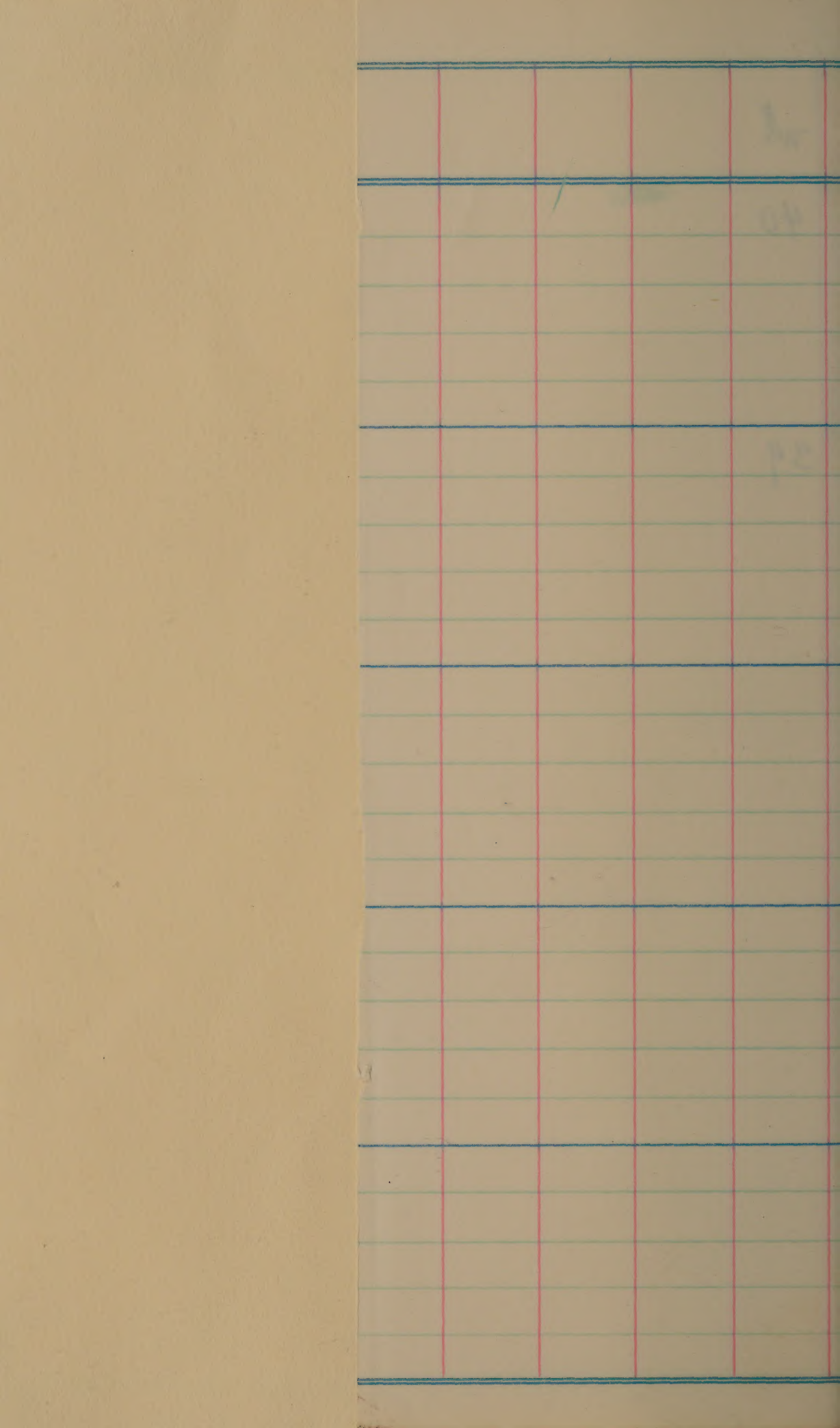


		<u>Head</u>	<u>Ripe</u>	
+	494	BS17A2-39-1, CP231x B4510A (185)	9/8 9/19 10/11 (101)	39
		HW 10/18		
		Heads well filled, uniform, V good		
X	495	ORIG. Century (114)	9/23 10/3 10/25	43

net

40

39



67

Block 47E, S 4 8 48 W

x 496 Brun x Z (56-366) down July 2
 B#564A2-12-1-1 1st Jan. 9/18
 Brun sel x Zenith

x 497 glut Zenith (56-364) (48 W)

498 glut Zenith (56-363) (48 W)
 (12 rows) on South

cut but not threshed due to weather.
 got wet & in the mud. Saved heads.

157

204

154

204

Discard

71

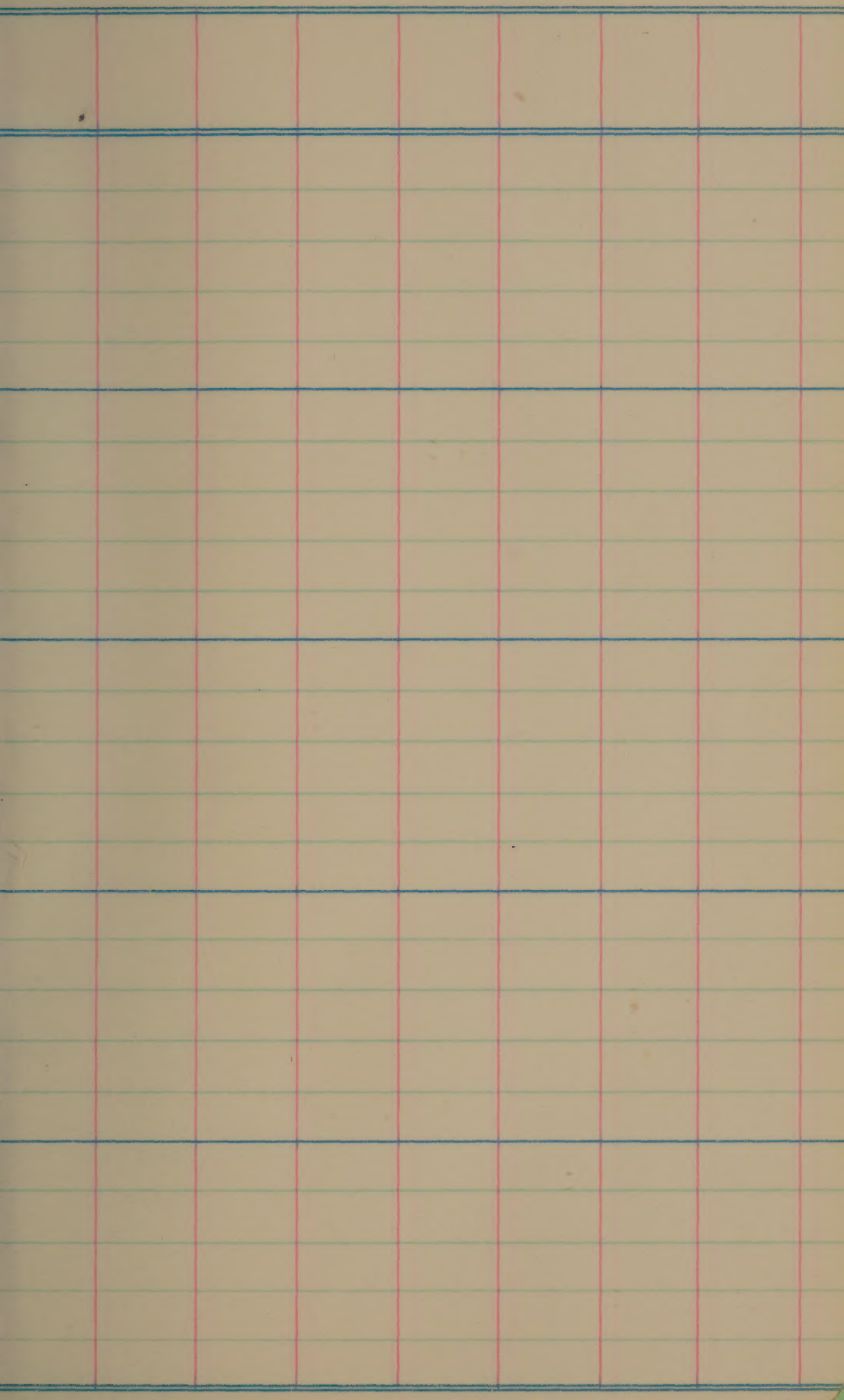
Crosses made in 1957

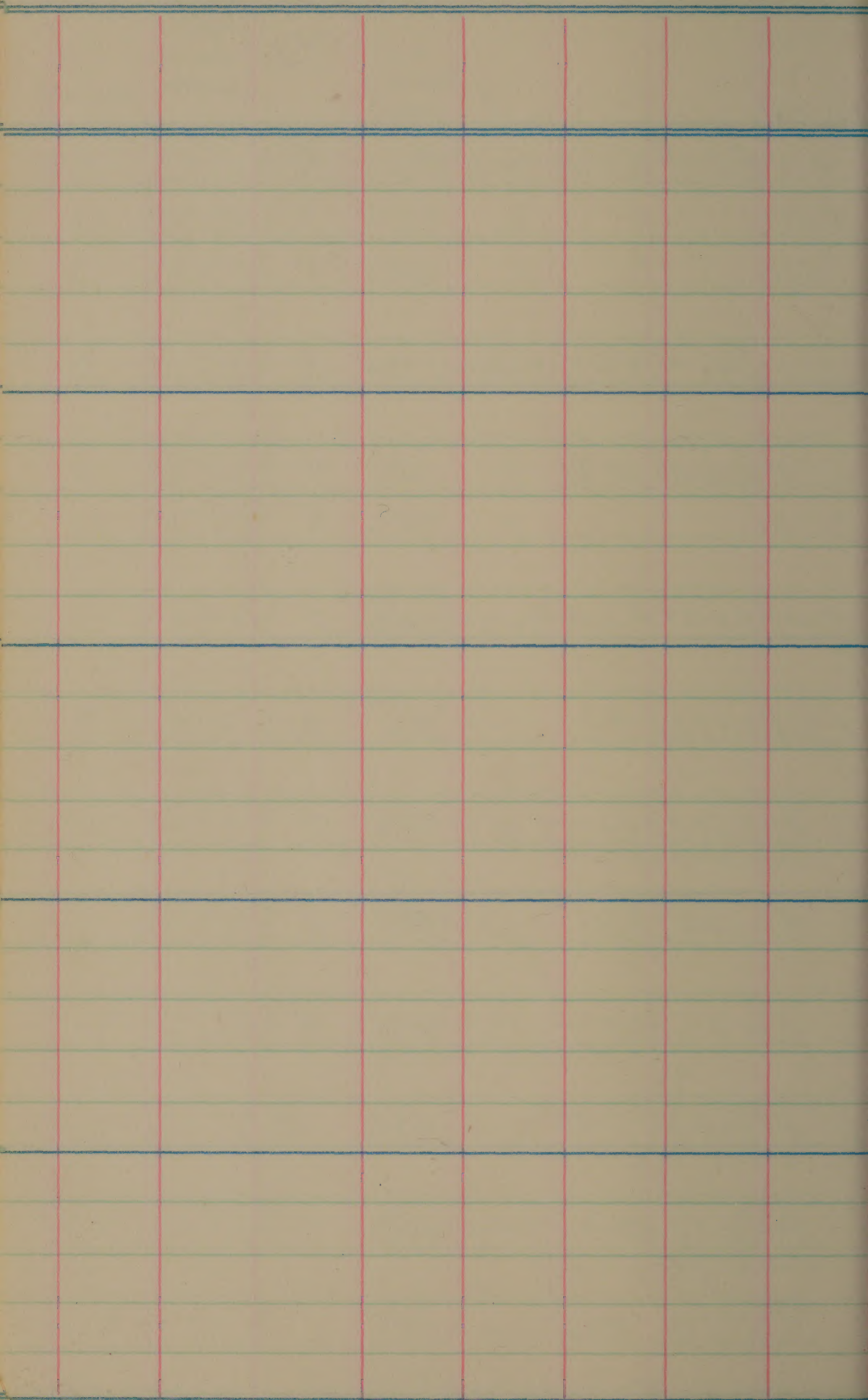
1957 date No	♀	1957 Plot or Row
8/11 B571A ✓	PI 215, 936	445C
9/11 B571B ✓	"	445C
9/11 B571C ✓	"	445C
9/11 B572A ✓	"	445C
9/11 B573A ✓	"	445C
9/11 B573B ✓	"	445C
9/11 B574A	B46-4799-5-4 (Rogue)	430A
9/11 B575A	"	430A
10/25 B576A	CP231	492
10/25 B577A	CP231	492
10/25 B578A	B4564A2-12-1-1 Bruni, Sol. x Zenith	496
10/25 B579A	Bluehamnet 50	1956 Seed Lot #103
10/25 B579B	Bluehamnet 50	1956 Seed Lot #103
10/25 B5710A	Bluehamnet 50	Lot 103 1956 Seed
10/25 B5711A	B55120A15-1-7 CP231 x F (CP231 x B502A2-113)	10,966

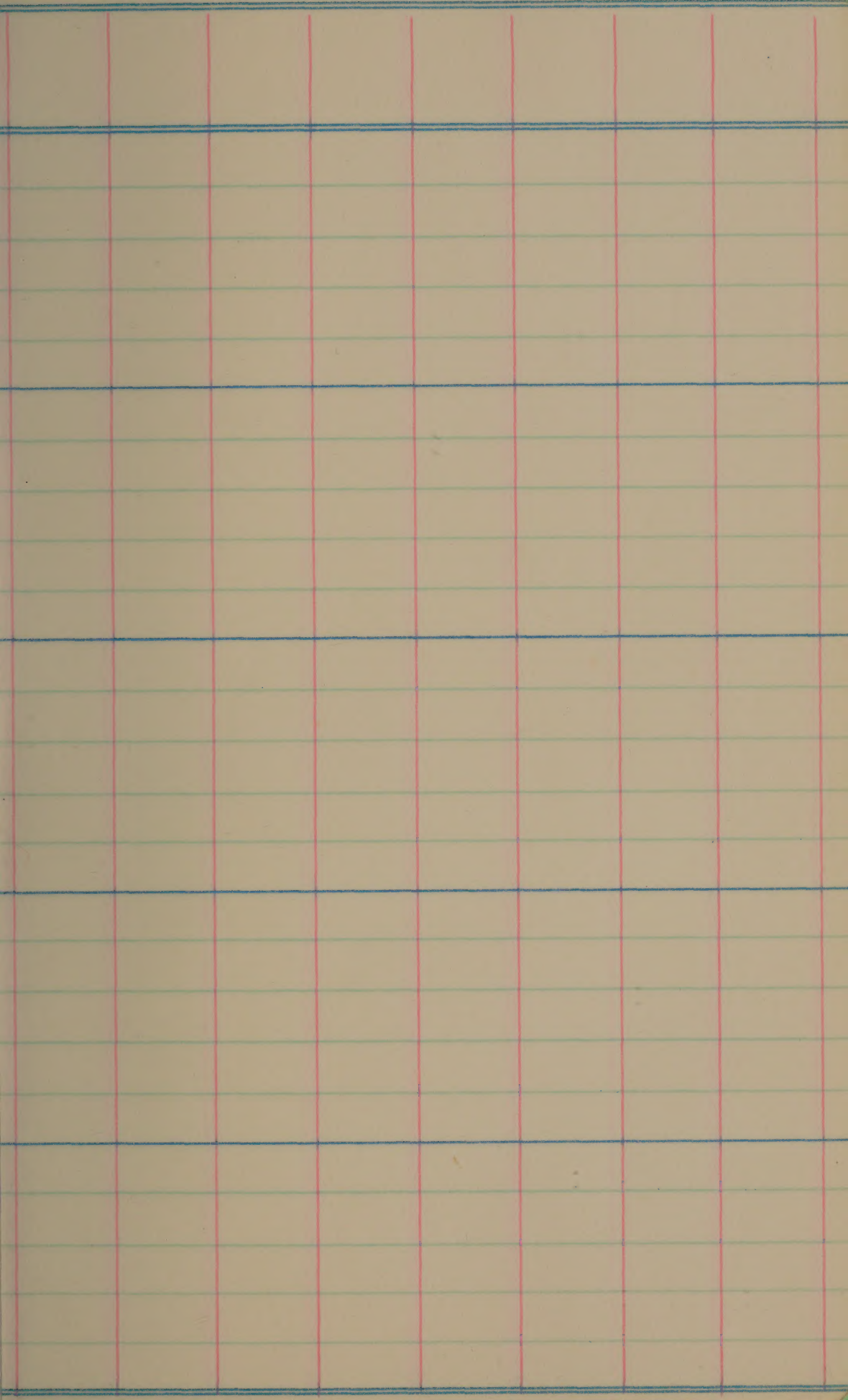
(from 10,020,400 to 10,966)

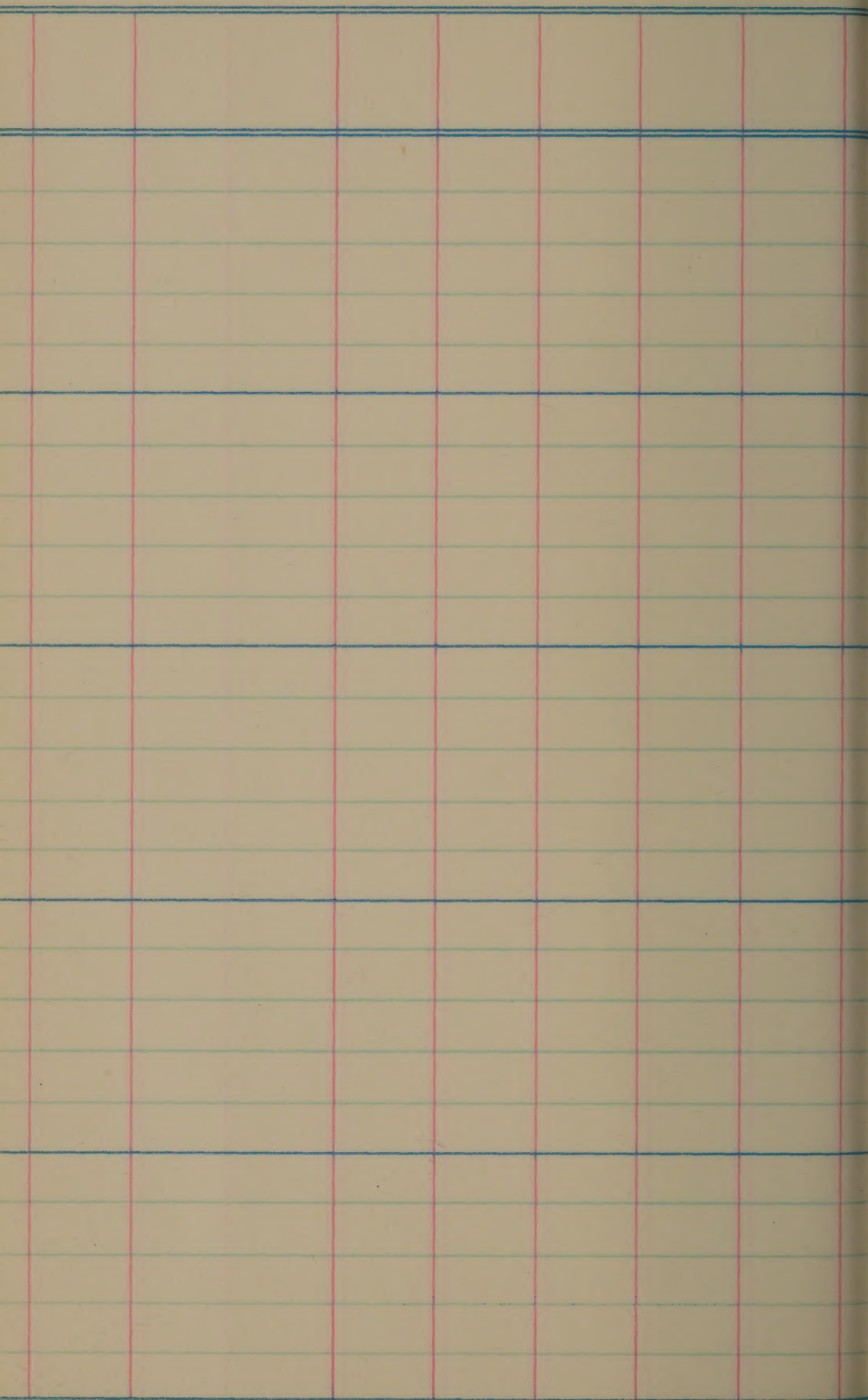
		1957 plot or row	no seeds	Date Sown Subst
X	B5117A1-14-2	421C	3	
X	"	421C	7	
X	"	421C	4	
X	B46-4797-5-4 (Rogm)	430C	3	
X	B502A2-113-B3	418C	9	
X	"	418C	5	
X	B5223A5-4-2	Block 4W 55 W	5	
X	B5117A2-4-1	55, Black 38W	2	
X	B4564A2-12-1-1 Brain. Sel. x Zenith	496	4	
X	P.I. 215, 936	445	5	
X	P.I. 215, 936	445	4	
X	B4564A2-12-1-1 Brain Sel. x Zenith	496	5	
X	B4564A2-12-1-1 Brain. Sel x Zenith	496	7	
X	P.I. 215, 936	445	6	
X	P.I. 215, 936	445	12	

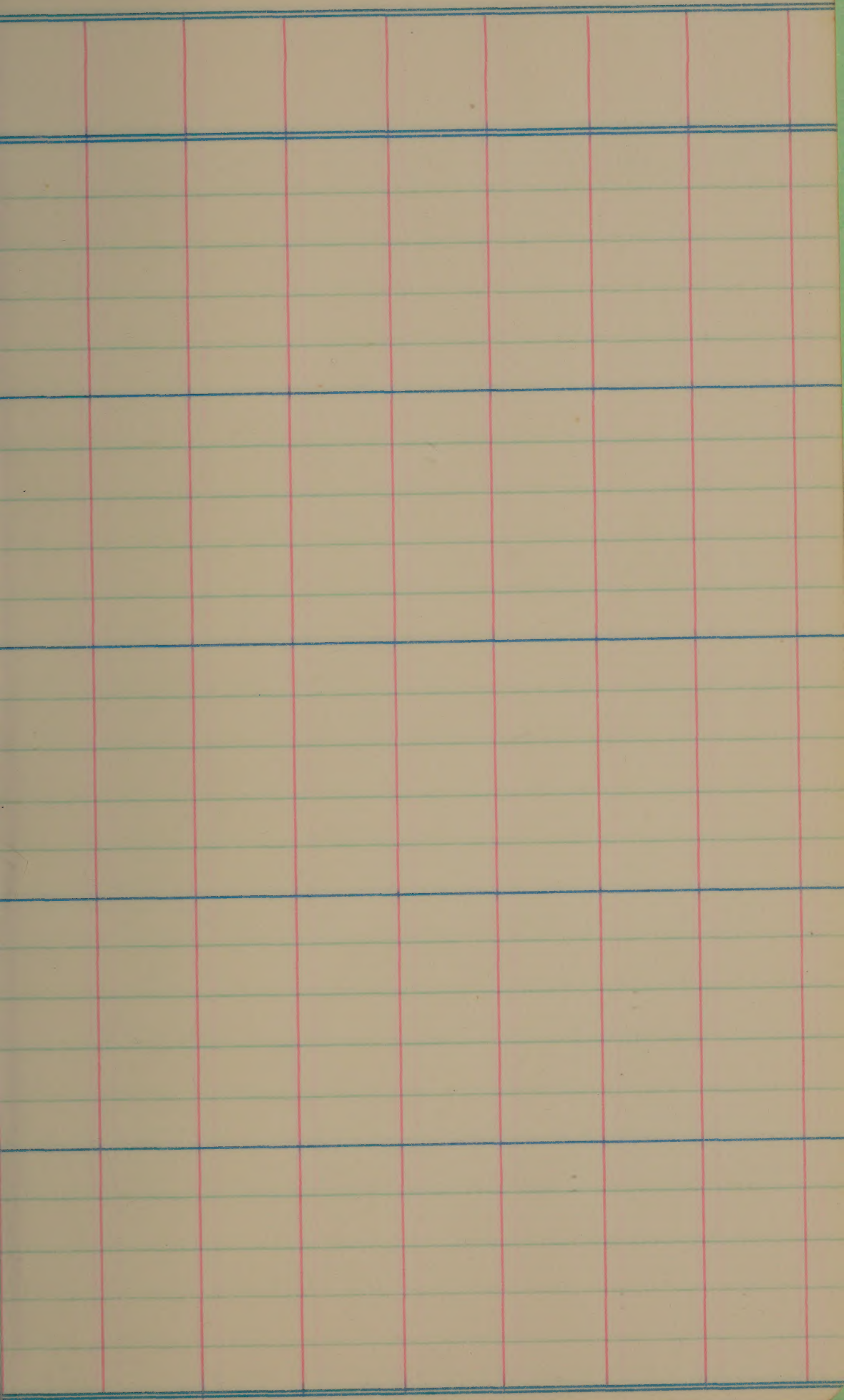
Date	Time	Lat	Long	Alt	Wind	Temp
1957	12/12	2	112	112	112	112
1957	12/13	2	112	112	112	112
1957	12/14	2	112	112	112	112
1957	12/15	2	112	112	112	112
1957	12/16	2	112	112	112	112
1957	12/17	2	112	112	112	112
1957	12/18	2	112	112	112	112
1957	12/19	2	112	112	112	112
1957	12/20	2	112	112	112	112
1957	12/21	2	112	112	112	112
1957	12/22	2	112	112	112	112
1957	12/23	2	112	112	112	112
1957	12/24	2	112	112	112	112
1957	12/25	2	112	112	112	112
1957	12/26	2	112	112	112	112
1957	12/27	2	112	112	112	112
1957	12/28	2	112	112	112	112
1957	12/29	2	112	112	112	112
1957	12/30	2	112	112	112	112
1957	12/31	2	112	112	112	112

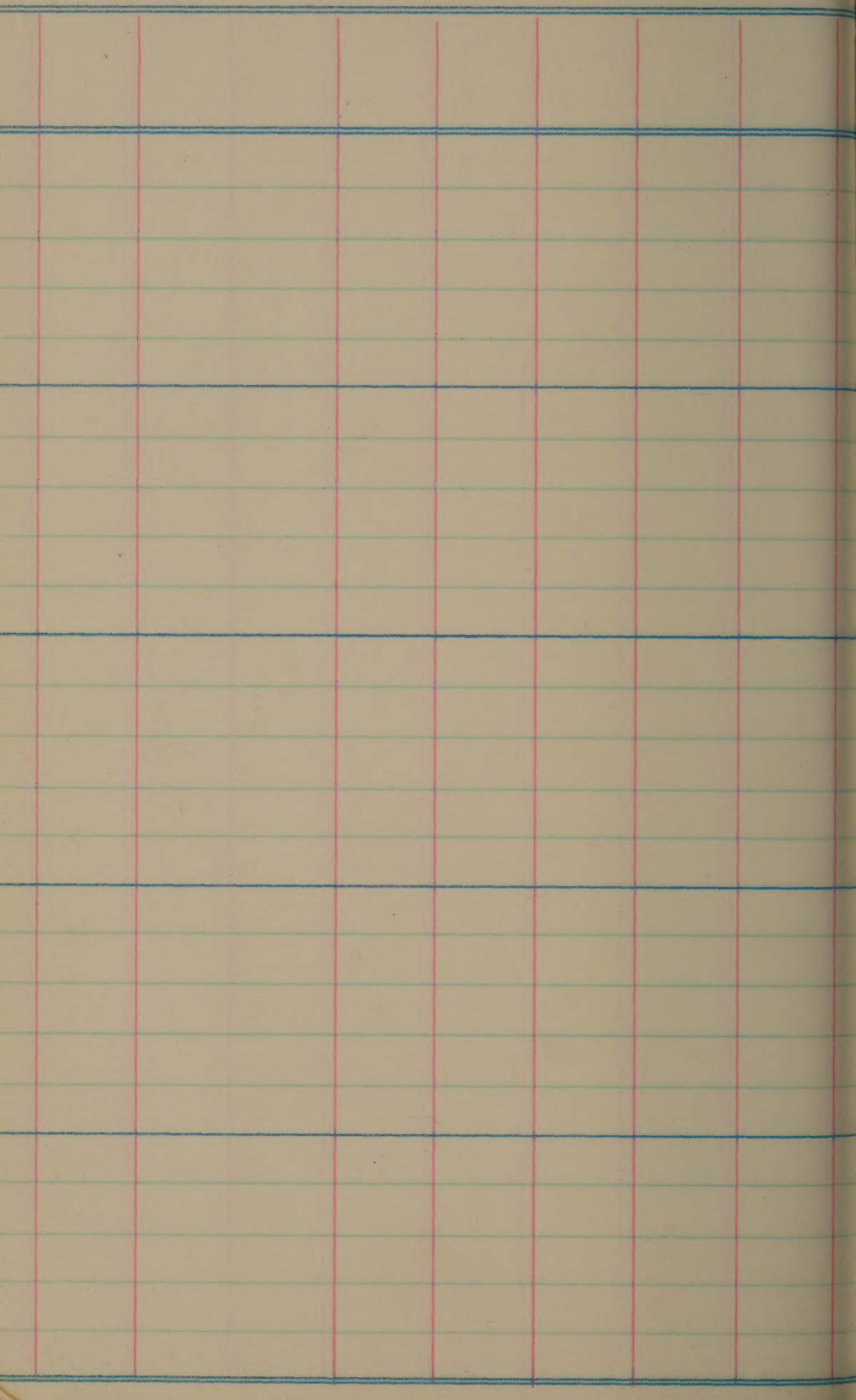


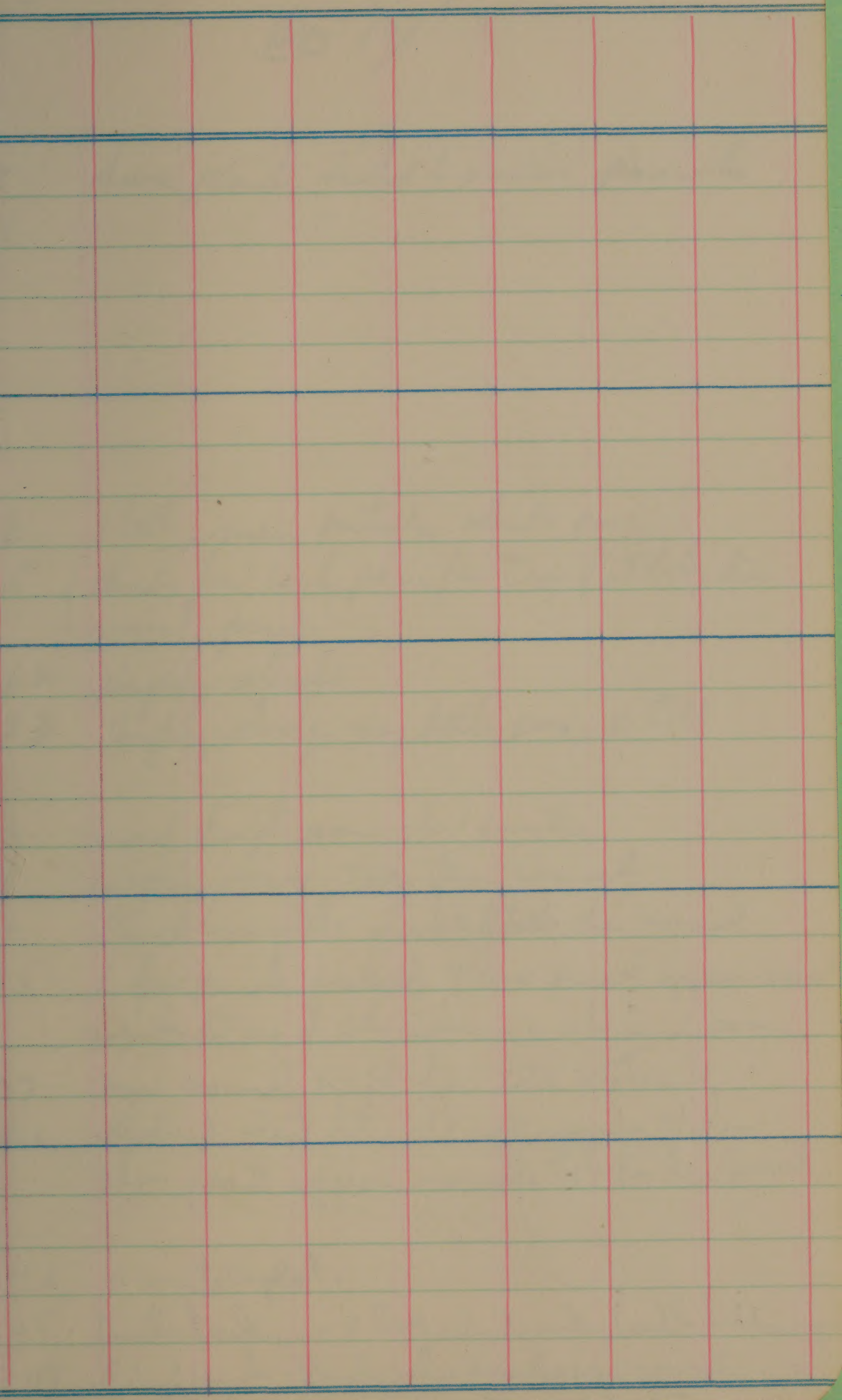


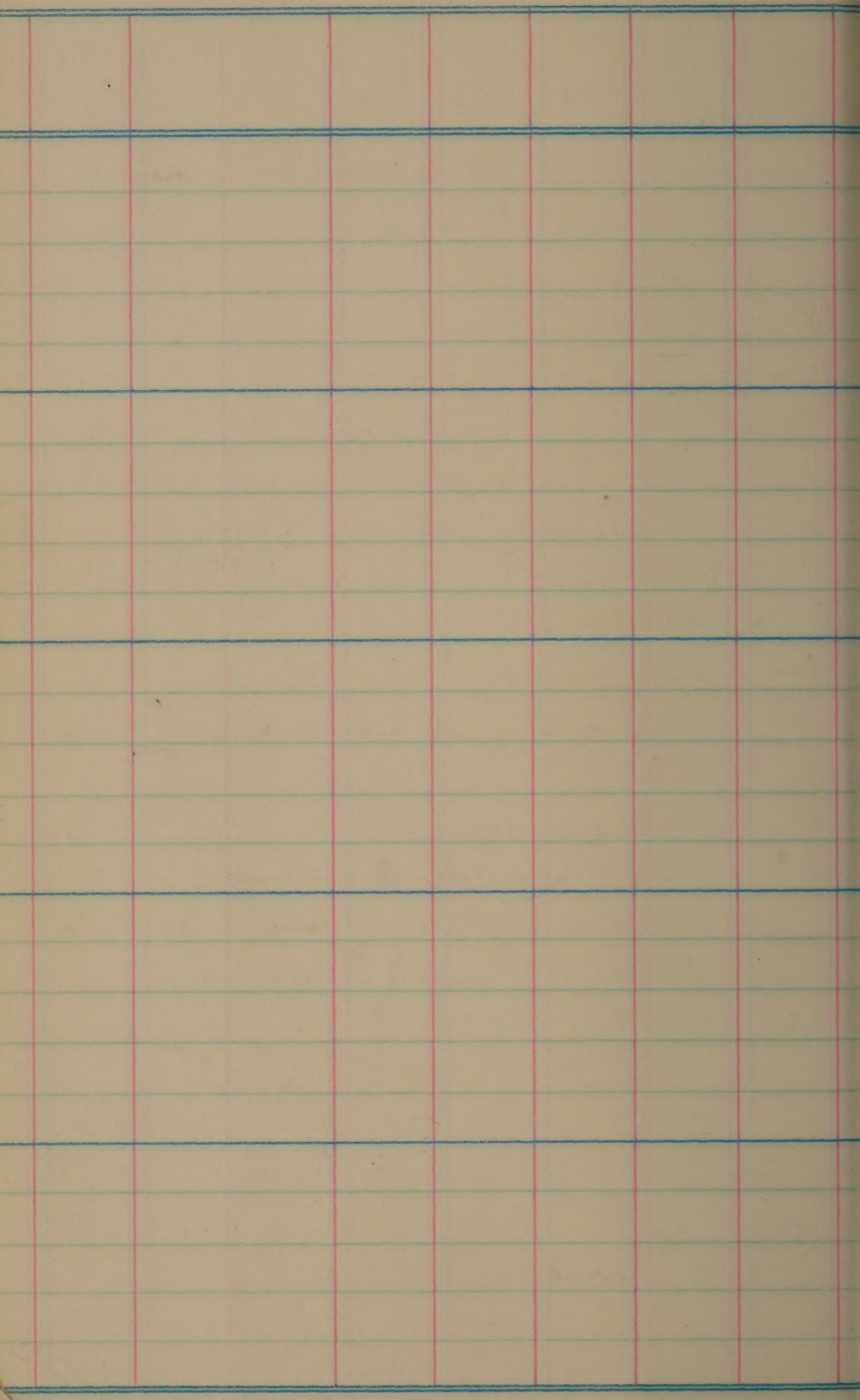










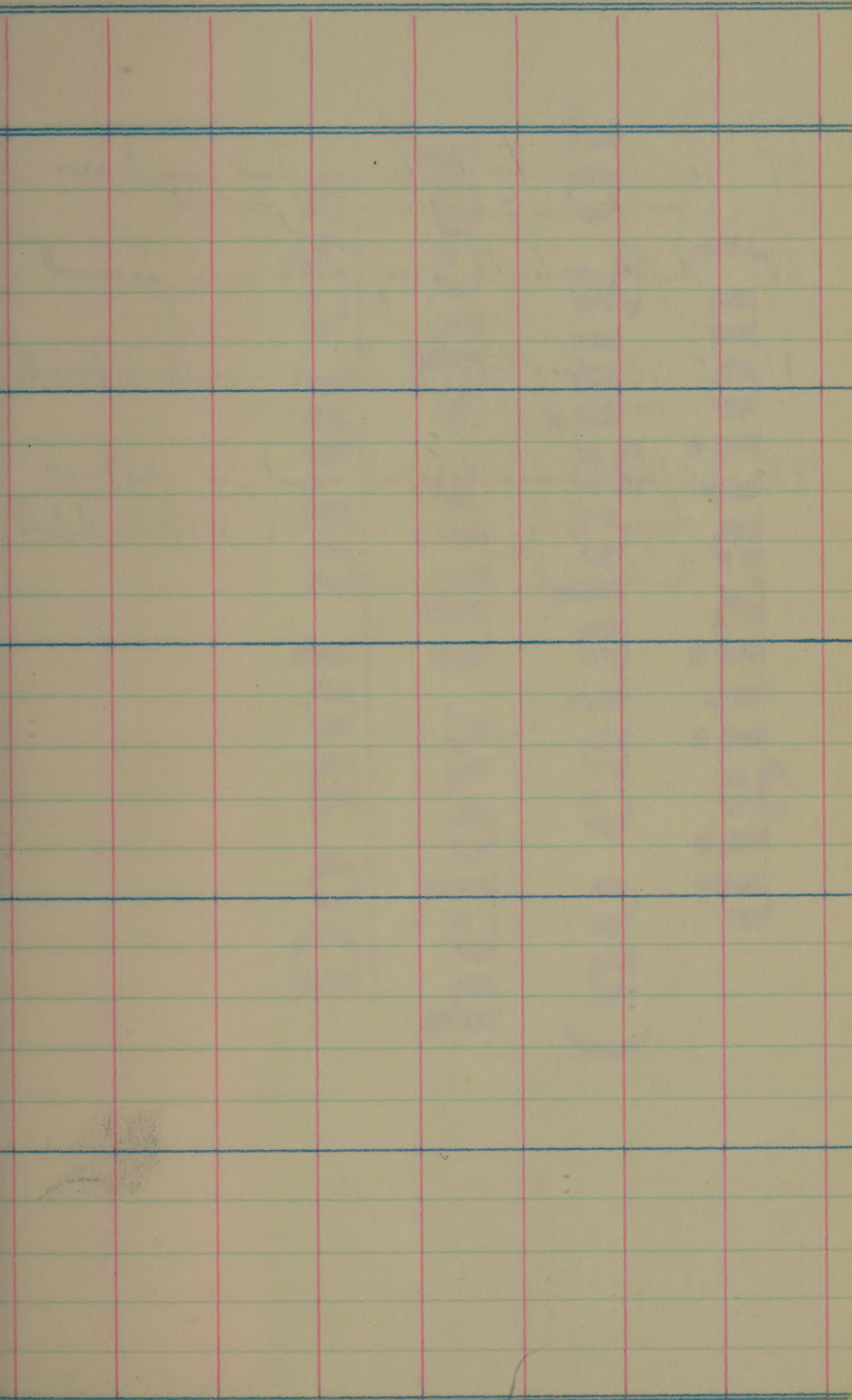


Earls' TP49, Ripe 10/7
10/

82

- 3 Some plants failed to produce panicles
4 " "
- 13 v tall, many partially sterile pan.
15 { Early few early pan., fair crop of sl later than
normal panicles
- 22 Highly sterile
23 Highly sterile, very little grain; v tall
- 29 Considerably sterile, some short panicles,
31 Highly sterile, taller than normal
34 Almost complete sterility, taller than normal
35 v. few panicles produced, Those present appear near
normal but are sl later, mature & shortened some.
37 Near normal, except for late maturity
40 Shortened plant let, reduced number of pan.
Those present appear normal. Late pan being formed
- 42 A new tall plot.
45 Panicles breaking over at base, reduced number, possible bird damage.
48 Reduced number of panicles, those present appear normal
no late pan. being formed. A few v. short & late.

- 50 Sl. taller than normal, highly sterile
- 52 Later than normal, otherwise v good.
- 56 Reduced number of pan. Consider number of panicles developing which are 10-14 day later than normal
- 57 Flag leaves remain erect, a fair yield, flag leaf sheath quite unusual,
- 60 v. few panicles present, v. few late being formed
- 63 3 rows of plot v poor; 1 row normal
Reduced number of pan. v few late being formed.
- 67 Later than normal by 7-10 days
- 68 Highly sterile, v little seed produced.
69. " " Some grain produced.
72. Shortened ht, panicle number greatly reduced.
v few late pan. being formed.
- 73, Taller than normal, sl later mat.
- 76 quite tall, considerable sterility
- 77 Erect flag, fair yield, unusual flag leaf sheath
- 79 Reduced ht. Later than normal but 10-14 days
panicles shortened.
- 80 Highly sterile, some grain formed.



- 84 Panicle numbers ^{greatly} reduced, those present near normal, no late pan being formed.
- 85 Highly sterile, very little grain formed
- 91 Erect flag leaves. Some reduction in panicle numbers & length of panicles.
- 92 V. few panicles formed, most pan are 7-10 days later than normal. V. few V. late panicles being formed,

check books for upi all B1 Mus.
" genetic block

Rogue increase & Hd Row blocks
cut Detrick mat.

Mr 8/21 ^{quintessence} 935 heads for Shahr

11
20.
31
31
30
9

142

$$418 = 59^{\text{th}}$$

FC-6
(1-55)

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
Field Crops Research Branch

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SAMPLE PAGE

VARIETAL TEST OF OATS, 1908

CONDITIONS OF EXPERIMENT

PLOT

Location-----Field H.
Size-----1/20 acre.

SOIL

Kind-----Prairie loam.
Position-----Somewhat rolling.
Previous crop-----Corn.

NAME AND CONDITION OF MACHINERY

Plow-----
Disk-----Osborn-----Sharp.
Harrow-----U Bar-----Good.
Seeder-----Monitor-----Good.

SEED

Variety-----Variable.
Weight per bushel-----Variable.
Source-----Variable.
Treatment-----Fanned clean and treated for smut.

SEED BED

Preparation:

1. Disked (lapped half)-----4-6-'08.
2. Disked (lapped half)-----4-10-'08.
3. Harrowed-----4-10-'08.
4. Harrowed-----4-27-'08.
5. Seeded-----4-27-'08.
6. Harrowed-----4-27-'08.

SEEDING

Manner-----Drilled.
Date-----4-27-'08.
Rate-----3 bushels per acre by weight.

5 - VS

4 - S

3 - MS

2 - MP

1 - R

0 - R

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

Down May 9.

15001

C.P. 231

VS-

15002

557605
Stg. ~~56144~~ (57V 4) S
CI 9373
CI 8994 x Caloro

15003

CI 9374 (57V 7) MS
CI 8994 x Cody

15004

PI 9355 (57URN 8) S
Loc x Z

15005

Nato (57URN 9) MS
CI 8998

15006

CI 9375 (57URN 11) R
4II-1-8 x 252

15007

CI 9357. (57URN 12) S
PI 8994 x 5426A) MS

15008

(57URN 13)
VS

D A T E S

PLANT

HEADING

FULL

HT.

1ST FULL

RIPE

(IN.)

C.I. 9358. (1957 4RN 14)

CI 8994 x S426A

S

15009

(574RN 21)

R

15010

CI 9186. (1957 4RN 22)

VS

15011

(1957 4RN 24)

R

15012

CI 9360. (574RN 26)

MR

15013

(574RN 27)

VS

15014

(574RN 28)

VS

15015

(574RN 29)

R

15016

15033

CI 9367.

(5748N 65)

S

15034

CI 9368,
Hgt. Mt

(5748N 66)

MR

15035

(5748N 67)

S

15036

(5748N 68)

S

15037

MS
SVR

(5748N 70)

Segregating

15038

CI. 8312. Aschi

(5748N 72)

MS

15039

S segregating
1 R plot.

15040

C. P. 231

S

C.I. 9210. (564RN 7)
 CE 8994 x Cady. MS 15041

P.I. 9356. (564RN 11)
 250-129 x Eng. 307. MS 15042

C.I. 9364. B523/A2-27. (564RN 49)
 B.H. 50 x B455 A1-25 MR 15043

C.I. 9393
 Gold Hull Too. S 15044

C.I. 9359 (564RN 24)
 MS 15045

C.I. 9211. (564RN 27)
 S 15046

C.I. 9361. (564RN 28)
 S 15047

C.I. 9363. (564RN 30)
 MS 15048

15049	C.I. 9094. Hyb. Mix.	(5648N 63) S	
15050	C.I. 9369.	(5648N 67) Non heading VS	
15051	Fortuna	(55URN 46) S	
15052	Fortuna	(56URN 46) Proh S? S	
15053	Fortuna	(56 W.T. 961B) S	
15054	Fortuna	S	7164
15055	Honduras C.I. 8287	S	556
15056	C.I. 8970 No/CI 8970	VS	5629

8	C.I. 9205	MS	15057
1	C.I. 9213	S	15058
17	C.I. 9260 B46-2069-5-3	TP sel. (Dwarf) MS (S+R?)	15059
	CP-231	VS	15060
58	Duenki	not gundari FR	15061
75 261	Xin ai #195	S MS	15062
276	Natonibun	S	15063
270	Omsen	S	15064

15065	Calady 40	MS	7268
15066	Early Zatanbun	MS	7273
15067	Lady Wright	S	7264
15068	Bazitar	MS	105
15069	CI. 8970	MS	6878
15070	CI. 7020	S.	6892
15071	CI. 7024	S	6903
15072	CI. 7051	S	6905

108	CI. 7069	VS	15073
11	CI. 7072	VS	15074
14	CI. 7073	VS	15075
17	CI. 7074	S	15076
20	CI. 7082	VS	15077
23	CF. 7095	S	15078
25	CI. 7096	S	15079
	CP-231	VS VS	15080

15081	CI 7098	VS	6932
15082	CI. 7103	S	6935
15083	CI 7277	S	7041
15084	CI 7278	S	7044
15085	CI 8933	MS	7050
15086	CI 8956	S	7053
15087	CI 8957	S	7056
15088	CI 8300	VS non head	7059

CI 8301 62	S	15089
CI 8646 65	S	15090
CI 8897 68	S	15091
CI. 8901 71	<u>S</u>	15092
CI. 8980 74	VS	15093
CI 8981 77	MS? —	15094
CI. 7214 83	MS	15095
CI 7217 82	<u>S</u>	15096

15097	CI. 7224	S	7/11
15098	CI 7225	S	7/14
15099	CI 8636	MS	7/17
15100	CP-231	VS	
15101	CI 8357	MS	7/20
15102	CI 8361	S	7/23
15103	CI 8359	VS	7/26
15104	CI 8360	S	7/30

38	CI. 8945	S	15105
41	CI 8287	S	15106
47	CI. 8337	MS	15107
50	CI 8890	S	15108
53	CI 8894	S	15109
56	CI. 8927	MA in MS	15110
58	CI. 5094	R	15111
62	CI 9108	R	15112 8/28/57

CI. 9014
15113 B46-4777 Rogue.

R

660

Crash

15114

R

SS-4049

15115

MP
segregat.

SS-4050

15116

R

SS-4063A

15117

R

SS-4063B

15118

S

SS-4025

15119

not sown

SS-4071

15120

CP-231

not sown

r

Crawley

5-4024

R

15121

5-4028

R

15122

5-4013

R.

15123

563

R.

15124

082

R.

15125

019

R

15126

011-6

R

15127

153

R

15128

15129	R	1156
15130	R	1160
15131	R	1169
15132	R	1467
15133	R	1473
15134	MR	1477
15135	R	1479
15136	MR	1480

24	MR	15137
28	MR	15138
62	MS	15139 8/28/57
CP-231	S	15140
64	S	15141
78	MR	15142
79	MR	15143
86	MS Possibly MR	15144 8/28/57

15145

MS

1587

15146

MS

1591

15147

MS

1823

15148

MS

1841

15149

MS

1850

15150

VS

1971

15151

little glimmer S. distant

1719

15152

S

2000

17		$\frac{S_0}{1.R. plant}$	15153 8/28/57
19		S	15154
65		VS	15155
11		VS	15156
35		VS	15157
37		VS	15158
599		S.	15159
CP-231		VS	15160

15161

S

2630

15162

VS

2631

15163

S

2645

15164

MS-MR

2663

15165

MS-MR

2666

15166

VS

2693

15167

MR

4944

15168

MS-MR

2703

25	MS	15169
84	VS	15170
85	VS.	15171
94	VS	15172
99	VS	15173
825	S.	15174
828	MS	15175
884	VS	15176

Crab

15177

S

290

15178

S

2913

15179

S

3092

CP-231

15180

VS

15181

S

3096

15182

VS

3121

15183

VS

3134

15184

M-S

3144

45	R	15185
46	Seguent MS-MR	15186
47	R	15187
48	MR	15188
66	MR	15189
78	VS	15190
09	MR	15191
11	MR	15192

Copy

15193

VS

3376

15194

Compare
25m

MR

3404

15195

MR

3479

15196

VS

3538

15197

MR

3679

15198

S

3784

15199

S

3787

15200 CP-231

S

06		VS	15201
9		VS	15202
11		VS	15203
16		MR	15204
32		MR	15205
19		S	15206
22		VS	15207
26		S	15208

Crawling

15209

S

4118

15210

MR.

4190

15211

non head
VS

4246

15212

MS

4650

15213

S?

7536

15214

S

7539

15215

MS

8135

15216

R

4704

Dragon

5		R	15217
6-17		R	15218
7		R	15219
CP-231		S	15220
8		R	15221
9-20		R	15222
10-3	MA-MS segment		15223
11-5		R	15224

Crowley

15225

R

4713-8

15226

R

4714-4

15227

R

4714-1

15228

R

4936

15229

R

4934

15230

R

4718

15231

R

4932

15232

MR

4720

8/28/59

MS-MR 15233
8/28/57

S. 15234

MS 15235

S. 15236

S 15237
8/28/57

S. 15238

MS. 15239

CP-231

S 15240

15241

MS

472

15242

MS

473

15243

S

474

15244

R

474

15245

S

474

15246

R

475

15247

MR

475

15248

MS

477

8	VS	15249
17	S	15250
12	S	15251
28	R	15252
88	S	15253
15	VS	15254
98	S	15255
	1 R plant	8/28/57
61	MS	15256

15257

MS-MP

480.

15258

MS to MP

477.

15259

MS

477.

15260

CP-231

VS

481.

15261

VS

481.

15262

S

481.

15263

✓ S

483.

15264

S

483.

MS
Segregat.

15265

VS

15266

VS

15267

VS

15268

VS

15269

MS
(ns)

15270

MR

15271

VS

15272

15273

8/28/57

MS

4816

15274

VS

4805

15275

VS

4830

15276

MS

SN

4888

15277

S

4840

15278

MR

4855

15279

R

4855

15280

CP-231

VS

58	VS	15281
59	VS	15282
60	S	15283
61	MS	15284
62	S	15285
69	VS	15286
74	MS	15287
77	MS	15288

15289		S	486
15290		S	488
15291		VS	489
15292		S	487
15293		VS	484
15294		MS (av) S	485
15295		MS (ms)	271
15296		MS	491

		VS	15297
		VS	15298
		S	15299
CP-231		VS	15300
		S	15301
		S	15302
		MS?	15303
		HR?	15304

Dango to Court

15305

S(?)

491

15306

R

492

15307

R

222

15308

S?

4920

15309

S

4939

15310 Rexoro

MS

15311 Ark. Fortuna CI. 8309

MR

15312 CI 1344 Fortuna

MS

MR

15313
(1)

MR

15314
(2)

MR

15315
(3)

R

15316
(4)

-MS

15317
(5)

-MS

15318
(6)

-MS

15319
(7)

CP-231

S
1 ms plant

15320

15321
(8)

MR

15322
(9)

S

15323
(10)

S

15324
(11)

S

15325
(12)

MS

15326
(13)

MS

15327
(14)

MS

15328
(15)

MS

MS

15329

(16)

S

15330

(17)

-MS

15331

(18)

8/28/57

MS-

15332

(19)

8/28/57

MS

15333

(20)

8/28/57

S

15334

(21)

MS-MR

15335

(22)

8/28/57

MS-MR

15336

(23)

8/28/57

15337
(24)

MS-MQ

15338
(25)

S

15339
(26)

MS

15340

CP-231

8/28/57

2 S
R plants

15341
(27)

S

15342
(28)

S

15343
(29)

MS

15344
(30)

S

S

15345
(31)

S

15346
(32)MR
S+R
degr15347
(33)

8/28/57

S

15348
(34)

S

15349
(35)

VS

15350
(36)

S

15351
(37)

MS?

15352
(38)

15353
(39)

S

15354
(40)

(5?)

15355
(41)

S

15356
(42)

S

15357
(43)

S

15358
(44)

S

15359
(45)

VS

15360 CP-231

VS

Mexico Material Begins 15,366 to 15,399

VS

15361
(46)

MS

15362
(47)

VS

15363
(48)

MR

15364
(49)

VS

15365
(50)

Fy B55106A27-1-1-CP231xF(CP231x B502A2-113-1)

VS

15366

B55106A27-1-2

MS

15367

B55106A27-1-3

MS

15368

F₄ B55106A27-1-4, CP231x F, (CP231x B502A2-113-1)

15369

S-MS
sequ.

15370

-5,

"
S

15371

-6,

"
S

15372

-7,

"
Seq.
MS

15373

B55106A30-1-1-

pow
9/27/57

"
MS
1 R plant

15374

-2,

"
MS
Seq.

15375

-3,

"
MS
Seq.

15376

-4,

"
MS

pa
9/27/57

sequ.

B55106A30-1-5, CP231x F. (CP231x B502A2-113-1)
MS 15377

Segreg.

for
9/27/57

-6,

VS

"

15378

-7,

S

"

15379

CP-231

VS

15380

B55106A30-4-1-

MS

"

15381

-2,

MS
Segreg

"

15382

for
9/27/57

-3,

VS

"

15383

-4,

MS
Segreg

"

15384

Fu B55/06A30-4-5, CP231x F(CP231) B502A2-11

15385

per
9/27/57

MR
Segreg

19

15386

-6,

"
MS
Segreg

21

15387

-7,

"
↓ S

22

15388

-8,

"
Segreg
MR

23

per
9/27/57

15389

-9,

"
-MS

24

Fu B55/06A30-7-1

15390

per
9/27/57

"
Segreg
MS/MR

25

15391

"

Segreg
MS

26

15392

"

Segreg
MR

27

per
9/27/57

B55106A30-7-1, CP231xF, (CP231x B502A2-113-1)	Segrey MR	15393 Pr 9/27/57
"	Segrey MR	15394
"	Segrey MR	15395 Pr 9/27/57
"	Segrey MR	15396
B55120A13-4-1,	" S	15397
" -2,	S	15398
" -3,	S	15399
CP-231	S	15400

75
Fu B55/20A13-4- 4, CP231x F, (CP231x B502A2-113-)
15401 S 3-

15402 -5, S 3

Fu B55/20A13-6-1,
15403 S 3-

15404 -2, S 3

15405 -3, S 3

15406 -4, S 4

15407 -5, S 4

15408 -6, S 4

B55120A/B-6-7 CP231A F (CP231X 13502A2-113-1) 15409

-8,

S

15410

B55120A/B-1 4-1,

S

"

15411

-2,

S

15412

-3,

S

15413

-4,

S

15414

-5,

S

15415

-6,

US

15416

15417 ^{F₁ B55/20A/3-15-1 CP231 x F₁ (CP231 x B502A2-1/3-1)} S 52

15418 -2, S 53

15419 -3, S 54

15420 ^{CP-231} S

15421 -4, Segs.
8/28/57 2 R plants
MR 55

15422 -5, Segs.
8/28/57 4 R plants
MR 56

15423 -6, Segs.
8/28/57 4 R plants
MR 57

15424 -7, Segs.
8/28/57 2 R plants
MS 58

B55/20A4-9-1, CP231x F1 (CP231x B502A2-13-1)	segs. 2 R plants MS	15425 8/28/57
-2,	S	15426
-3,	segs. 4 R plants MS	15427 8/28/57
-4,	segs. 6 R plants MR	15428 8/28/57
-5,	segs. MR	15429 8/28/57
-6,	segs. MR	15430 8/28/57
B55/20A15-1-1,	segs. MR	15431 8/28/57
-2-	S	15432

Fu B55/20A15-1-3,

15433

8/28/57

CP231x F (CP231x B502A2-115-1)

per.
MR

68

15434

8/28/57

-4,

MR

69

15435

8/28/57

-5,

R

70

15436

per
9/27/57

-6,

R

71

15437

-7,

R

72

15438

per
9/27/57

-8,

R

73

Fu B55/20A15-2-1,

15439

S II

74

15440

PP-231

S

S

4 5	B55/20A15-2-2,	CP231x F, (CP231 x B502A2-N3-1)	S	15441
	-3,	S	1 R plant	15442 8/28/27
7	-4,	S		15443
8	-5,	S		15444
7	-6,	S		15445 pgw 9/27/57
1	-7,	S		15446
2	-8,	S	2 R plants	15447 8/28/57
4 3	B55/20A15-3-1,	R		15448 pgw 9/27/57

monthly

Fu B55120A15-3-2, CP231x F, (CP231x B502A2-113-1)
15449 R 84

15450 -3, MR
few S
early
shakes 85
8/28/57

15451 -4, R 86

15452 -5, Segs
MR 87

15453 -6, MR 2 88

15454 -7, Segs
R 89
8/28/57

15455 -8, R 90

15456 -9, R 91
par
9/21/57

mostly

B55120A15-5-1, CP231x F, (CP231x B502A2-113-1)

15457

Seg.
MS

8/28/57

-2,

S

15458

-3,

Seg.
MS

15459

8/28/57

CP-231

US

15460

-4,

MS

15461

-5,

Seg.
MS

15462

8/28/57

3 R
plants

-6,

MS

15463

Some
R plantsPer
9/27/57

-7,

US

15464

F4 B55120A15-5-8, CP231x F, (CP231x B502A2-113-1,

15465

MS

99

8/28/57

F4 B55120A15-9-1,

15466

Seq
MS

101

8/28/57

15467

-2,

MS

102

15468

-3,

Seq

103

8/28/57

3 R
MS

15469

-4,

MS

104

15470

-5,

S

105

15471

-7,

MS

106

15472

-8,

MS

107

Pow

9/27/57

1355120415-9-9, CP231X F, (CP231X B502A2-113-1)
MS
Segr 15473

-10,
MS
Segr 15474

B55120A15-10-1
VS- 15475

-2,
Segr.
MS 15476
8/28/57

-3,
VS 15477

-4,
MS 15478

-5,
MS 15479

CP-231
US 15480

			Mostly	
15481	F4 B55/20A/5-10-6, CP231xF, (CP231x B502H2-113-1)		Seol MR	116
8/28/57				
15482	-7,		VS	117
15483	F4 B55/20A/5-12-1		Seol MR	118
8/28/57				
15484	-2,		MS	119
15485	-3,		MS Seg.	120
Pan 9/27/57				
15486	-4,		MS	121
15487	-5,		Seol MS	122
8/28/57				
15488	-6,		MS Seg.	124

B55/20A15-12-7, CP231XF, (CP231X B5D2A2-113-1)
MS 15489

-8, MS 15490

B55/20A30-6-1, S " 15491

-2, MS 15492

-3, MS 15493

-4, VS 15494

-5, S S 15495
8/28/57

-6, MR 15496

Pam
9/27/57

mostly

Fu B55/20A30-6-7 CP231x F, (CP231x B502A2-1131)

15497

MS

133

-8,

VS

15498

134

-9,

VS

15499

135

CP-231

15500

VS

-10,

15501

S

136

8/28/57

-11,

15502

S

137

Fu B55/17A18-12-1,

15503

"

MS

138

pow
9/27/57

log

-2,

15504

R

139

pow
9/27/57

B55117A18-12-3, CP231X F, (CP231X B502A2-113-1)	MR Deqn.	15505 Pon 9/21/57
-4,	VS	15506
-5,	Deqn 2R MS	15507 8/28/57
B55133A16-12-1,	Segn MS	" x B502A2-154-2) 15508 8/28/57
-2,	Segn MS	15509 8/28/57
-3,	Deqn MS	15510 8/28/57
-4,	MS Deqn	15511
-5,	MS Deqn	15512 8/28/57

mostly

Fy B55133A16-12-6, CP231xF.(CP231x B502A2-154-2)

15513			S-MR deaf (MS)	S	1448
15514	-7,		S-R deaf (MS)	S	150
15515	-8,		S		151
15516	-9,		JS		152
15517	10,		S		153
15518	11,		S		154
15519	12,		S		155
15520	CP-231		S		

mostly

B55/33A/6-12-13, CP231X F, (CP231X B502A2-154-2)
 VS 15521

-14,

S

15522

-15,

S

15523

B55/33A/6-14-1,
 75 gms

11

R

15524

8/28/57

HV

9/21/57

-2,

S

15525

8/15/57

-3,

R-S

MS

15526

Segr.

8/28/57

-4,

R-S

MS

15527

Segr.

8/28/57

-5,

Segr

R-S

MS

15528

8/28/57

Fu B55133A16-1A-6, CP231xF, (CP231) x B502A2-154-2)

15529

MS
segr

165

15530

-7,

R

HV
166

8/28/57

15531

-8,

S-R MS
segr.

167

pon
9/27/57

15532

-9,

segr. M.S

168

8/28/57

15533

Fu B55133A19-3-1,

R

169

pon
9/27/57

15534

-2,

R

170

pon
9/27/57

15535

-3,

MR
segr

171

pon
9/27/57

15536

-4,

segr
MR

172

pon
9/27/57

Slightly later

mostly

slightly later

3.	B55/33A/9-3-5,	CP231xF, (CP231x B50242-	MR segr	15537	Por 9/27/57
1	-6,	MR-P		15538	Por 9/27/57
5	-7,	MS segr		15539	
	slightly later	straw-hulled segregate			
	CP-231	VS		15540	
4	B55/33A/9-5-1,	VS "		15541	
7	-2,	S		15542	
8	-3,	S		15543	
7	-4,	VS		15544	

mostly

15545 F4 B55133A19-5-5, CP231 x F, (CP231) B502A2-151
S 181

15546 -6, VS 182

15547 -7, VS 183

15548 -8, VS 184

15549 -9, S S 185
8/28/57 OR plants

15550 -10, S 186

15551 -11, MS Seep 187

15552 -12, MS Seep 188

mostly

B55133A19-8-1, CP231XF, (CP231X B502A2-1542)

S-R MS 15553
Seep 8/28/57

-2, S-MS 15554
Seep ~~MS~~

-3, R 15555
HV 9/5/57

-4, R 15556
9/5/57 HV

-5, R-MS 15557
Seep. ~~MR~~ 8/28/57 HV 9/5/57

-6, R-MS 15558
~~MR~~ 8/28/57 9/5/57

-7, R few MS 15559
HV 9/5/57

CP-231 R-MR few MS 15560
9/5/57 HV

Handled by Cowen

mostly

³³
F₄ B55133A~~53~~³³-7-1, CP231X F. (CP231X B502A2-151-2)

15561
9/5/57

R

few
MS HV

196

15562 not shown -2,
9/5/57

R

197
HV

15563 -3,
per
9/27/57

S-R
Segn

both
equal
(MR)

198

15564 -4,
8/28/57

R

199
HV

15565 -5,
per
9/27/57

R-MS

R

201

15566 -6,
per
9/27/57

R-MS

equal
(MR)

202

15567 -7,
8/28/57

MS
Segn
2R

203

15568 F₄ B55107A2-7-1,
8/28/57

R-MR¹¹

equal
(MR)

204

4 B55107A2-7-2, CP231x F, (CP231x B5D2A2-15V-2)

MR-MS

equal
(MS)

15569

8/28/57

-3,

MR-MR

R

15570

8/28/57

-4,

MR
sign

15571

Pow
9/27/57

-5,

MS
sign

15572

Pow
9/27/57

-6,

R MR
sign

15573

-7,

mostly R
R

15574

Pow
9/27/57

4 B55107A4-11-1,

R

15575

Pow
9/27/57

-2,

R

15576

Pow
9/27/57

15577 ^{F4 B55107A4-11-3} CP231 F1 (CP231 x B502A2-16A-2) MR 213

15578 -4, MR 214

15579 -5, R 215
PCW
9/27/57

15580 CP-231 VS

15581 -6, R 216
PCW
9/27/57

15582 -7, MR 217

15583 ^{F4 B55107A11-8-1,} MR 218

15584 -2, MR 219

B55107A11-8-3,	CP231XF, (CP231x	B502A2-154-2)	15585
	MR		
-4,	MR		15586
-5,	MR		15587
-6,	MR		15588
-7,	MR		15589
B55107A12-10-1,	MR "		15590
-2,	R		15591
-3,	MR		15592

(on any the page)

mostly

15593	F ₄ B55107A12-10-4,	CP231x F, (CP231)x	B502A2-1542	229
15594	-5,	MS		230
15595	-6,	MR		231
15596	-7,	MR		232
15597	F ₄ B55107A12-11-1,	VS		233
15598	-2,	VS		234
15599	-3,	VS		235
15600	CP 231	VS		

B55107A12-11-4, CP231x F, (CP231x B502A1-154-2)

VS

15601

-5,

VS

15602

-6,

S
2MR

V>

15603

8/28/57

-7,

S

15604

B5481R11-1,

TP1 F, (CP231x TP)

MR

15605

-2,

MR

15606

-3,

MR

15607

-4,

MR

15608

15609	F3 B5481A11-5 8/28/57	TPx F.(CP 231x TP)	R	245
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15610	F3 B5481A21-1		R	246
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15611	-2, 8/28/57	segr. height	R	247 HV
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15612	-3, 8/28/57		MR	248
-------	----------------	--	----	-----

15613	-4, 8/28/57		R-S segr	MS 249
-------	----------------	--	-------------	-----------

15614	-5,		R-S segr	MS 250
-------	-----	--	-------------	-----------

15615	-6,		MS	251
-------	-----	--	----	-----

15616	-7,		MS	252
-------	-----	--	----	-----

BS48/A21-8,	TPx F, (CP231 x TP)	MS Segn	15617 Pon 9/27/57
-9,	R-MS Segn	(MR)	15618 8/28/57
-10,	R-MS Segn	(MR)	15619 8/28/57
CP-231	S		15620
BS48/A22-1,	S	"	15621
-2,	S		15622
-3,	MS 8 plants:		15623 Pon 9/27/57
-4,	MS 8 plants		15624 Pon 9/27

15625 F₃ B5481A22-5,

TP₂F (CP231 x TP)
MS

2612

15626 F₃ B5481A31-1,

— "

2613

15627 -2,

—

2614

15628 -3,

—

2615

15629 -4,

—

2616

15630 -5,

—

2617

15631 F₃ B5481A32-1,

"
S

2618

15632 -2,

S

2619

			mostly	
53 67	B5481A32-3	TPxF, (CP231xTP)		15633
		S		
70	-4,	MS Seg		15634
			8/28/57	
71	-5,	MS Seg		15635
			pon 9/27/57	
72	-6,	MS Seg		15636
73	-7,	S?		15637
74	-8,	S?		15638
75	-9,	MS Seg	S	15639
	CP-231	S		15640

15641	F ₃ BS48A32-1D,	TP x F ₁ (CP231 x TP)	276
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15642	-11,	—	277
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15643	-12,	—	278
-------	------	---	-----

15644	-13,	—	279
-------	------	---	-----

15645	-14,	—	280
-------	------	---	-----

15646	-15,	MS legu	281
-------	------	------------	-----

per
9/27/57

15647	-16,	—	282
-------	------	---	-----

15648	-17,	MR?	283
-------	------	-----	-----

3 75	B5481A32-18,	TPAF, (CP231 x TP) MP!	15649
86	-19,	R	15650 per 9/27/57
3 77	B5481A41-1,	MS P'' Seg	15651
78	-2,	MS.	15652
79	-3,	—	15653
80	-4,	S	15654
81	-5,	MS Seg	15655 per 9/27/57
3 82	B5481A42-1,	MS Seg	15656

15657	F ₃ B5481A 42-2	TPx F. (CP231x TP)	273
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MR

15658	-3,	MR	294
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MR

pay
9/27/57

15659	-4,	MR	293
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MR

15660	CP-231	S-MS	
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S-MS

15661	-5,	R	296
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R

15662	F ₃ B5481A 43-1,	R	297
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R

15663	-2,	R	298
-------	-----	---	-----

R

15664	-3,	R	299
-------	-----	---	-----

R

3 BS481A43-4,

TP&F, (CP23) x TP)

R

15665

-5,

R

15666

3 BS481A44-1,

R''

15667

-2,

R

15668

-3,

R

15669

-4,

R

15670

-5,

R

15671

-6,

R

15672

15673	F ₃ B548/A44-7	TPX F. (CP231 x TP)	MR Sg	309
15674	-8,	R		310
15675	-9,	R		311
15676	-10,	MR Sg		312
15677	F ₃ B548/A51-1,	S?	"	313
15678	-2,	S?		314
15679	-3,	S?		315
15680	CP-231	VS		

mostly

B5481A51-4,	TP & F. (CP231X TP) MS seg	15681
-5,	VS	15682
B5481A52-1,	" S	15683
-2,	MS seg	15684 pa 9/27/57
-3,	S	15685
-4,	MS seg	15686 pa 9/27/57
-5,	MS seg	15687 pa 9/27/57
B5481A61-1,	MS seg	15688

mostly

F₃ B5481A61-2,

TPx F, (CP231x TP)

15689

S?

325

-3,

15690

S?

326

-4,

15691

AS?

327

-5,

15692

MS

328

Por
9/27/57

sign

F₃ B5481A61-1

15693

"

MR?

329

Por
9/27/57

sign

-2,

15694

MR

330

-3,

15695

R.

331

Por
9/27/57

-4,

15696

MR

332

Por
9/27/57

sign

33	B5481A61-5,	TP2 F, (CP23)x TP)	15697
		R	8/27/57
34	B5481A62-1,	MR	15698
			8/28/57
35	-2,	MR R	15699
			8/28/57
	CP-231	S	15700
36	-3,	Save early MS R-S Sep	15701
			8/28/57 9/5/57
37	B5481A63-4,	MS Dame R-S Sep	15702
			8/28/57 9/5/57
38	-5,	MS Dame R-S Sep	15703
			8/28/57 9/5/57
39	-6,	MR	15704

15705	F ₃ B5481A6 ⁴ ₂ -1, , TPxF ₁ (CP231xTP) MR	341
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15706	-2, MS Sg	342
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15707	-3, MS Sg	343
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15708	-4, MS Sg	344
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15709	F ₃ B5481A81-1, MR	345
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15710	-2, MR	346
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15711	-3, MS Sg	347
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15712	-4, MS	348
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9	B5481A81-5,	TPx F, (CP231x TP) ms		15713
0	B5481A81-6,	MS segu		15714
51	-7,	S		15715
2	-8,	MS segu	S	15716
3	-9,	MS segu	S	15717 pgw 9/27/59
54	-10,	S		15718
55	B5481A5 ³ -1,	MS segu	"	15719 pgw 9/27/59
	CP-231	S		15720

³
F₃ B5481A52-2,
15721

mostly
TPx F, (CP231xTP)

MS
seg

356

-3,
15722

pcw
9/27/57

MS
seg

357

F₃ B5481A82-1,
15723

S

358

-2,
15724

8/28/57

MR-MS
seg

MS

359

-3,
15725

S

361

-4,
15726

8/28/57

MS MS
Saved early
R

362

-5,
15727

MS
seg

363

-6,
15728

pcw
9/27/57

MS
seg

364

3 5	B5481A82-7,	TP x F, (CP 231 x TP) S 1 R plant	15729
6	-8,	MS Seg	15730
7	-9,	MS Seg	15731 Pon 9/27/57
8	-10,	MS Seg?	15732
5 7	B5481A4 ⁵ 2-1,	MS Seg	15733
0	-2,	MS Seg	15734
1	-3,	MS Seg	15735
2	-4,	MS Seg	15736 Pon 9/27/57

15737	F ₃ B5481A4 ⁵ 2-5, Pon 9/27/57	TPxF. (CP231xTP) MS Sign	373
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15738	F ₃ B5481A5 ⁵ 3-1, 8/28/57 Pa 9/5	MS Sign save early R	374
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15739	-2,	S	375
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15740	CP-231	S	
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15741	-3, 8/28/57	MS save early R	376
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15742	-4,	S	377
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15743	-5,	MS Sign	378
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15744	-6, 8/28/57	MS Sign save early R	379
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3	B5481A5 ⁵ -7,	TP x F, (CP 231 x TP) S	15745
2	-8,	MS	15746
3	-9,	S	15747
1	-10,	MS Sgr	15748 8/28/57
3	B5481A54-1,	Save early R R	15749 Pm 8/28 9/5/57
6	-2,	R Save early R	15750 8/28/57 9/5/57
7	-3,	S	15751
8	-4,	MS Sgr	15752

15753	F ₃ B5481A50-5,	TP x F. (CP231 x TP)	MS Sign	389
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15754	F ₃ B5481A72-1,		MR Sign	390
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pow
9/27/57

15755	-2,		MS Sign	391
-------	-----	--	------------	-----

15756	-3,		MR Sign	392
-------	-----	--	------------	-----

pow
9/27/57

15757	-4,		MR	393
-------	-----	--	----	-----

pow
9/27/57

Proban R

15758	-5,		MR	394
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pow
9/27/57

15759	F ₃ B55124A5-1,	B6t50 x F. (B6t50 x B5D2A2-113)	MR	487
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pow
9/27/57

15760	CP-231		S. IMR Planta	
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3	B55124A5-2,	B6t50xF, (B6t50 x B502A2-113)	MS sign	15761
7	✓ " -3,	S	"	15762
0	✓ " -4,	MS sign	"	15763
1	✓ " -5,	S	"	15764
2	✓ " -6,	MR-R	" (MR)	15765
3	✓ " -7,	MR	"	15766
4	✓ " -8,	MR	"	15767
5	F ₃ -B55124A8-1,	R	"	15768

Mex
No

15769 F₃ B55124A8-2 BbtsoxF. (BbtsoxF B502A2-113) R 496

15770 - -3, R " 497

15771 - -4 R " 498

15772 - -5, R " 499

15773 F₃-B55124A10-1, R " 501
8/28/57

15774 - -2, R " same early R 502

15775 - -3, R " 503

15776 - -4 R " 504

3	B55124A10-5,	BBt 50 x F. (BBt 50 x B50242-113)	R	"	15777
5					
6	L -6,		R	"	15778
7					
7	L -7		R	"	15779
	CP-231		S		15780
			2mR plants		
8	T ₃ -B55124A10-8, BBt 50 x F. (BBt 50 x B50242-113)		R		15781
9	L -9,		R	"	15782
	L -10		R	"	15783
1	F ₃ -B55124A16-1,		R	"	15784

15785 ^{F3} B55124A16-2, B6t50x F (B6t50x B502A2-1/3) _R 512

15786 ✓ -3, " 5 513

15787 L -4, " MR Segin 514

15788 ✓ -5, R 515

15789 ^{F3} B55124A24-1, " R 516

15790 L -2, " MR 517

15791 L -3, " R 518

15792 ✓ -4, " R 519

F ₃ 521	B55124A24-5, BbtsoxF _i (Bbtsox B502A2-1/3)	R	15793
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F ₂ 522	B55124A26-1,	R''	15794
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23	✓ -2,	R''	15795
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24	✓ -3,	R''	15796
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25	✓ -4,	R''	15797
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26	✓ -5,	R''	15798
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F ₃ 27	B55124A31-1,	J'S	15799
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CP-231		S	15800
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15801 ^{F₃} B55/24A 31-2, B6T50x F. (B6T50x B502A2-1B) 528

VS

15802 L -2, 529

"

15803 ^{F₃} B55/24A 36-1, 530

VS "

15804 L -2, 531

"
S

15805 L -3, 532

"
S

15806 L -4, 533

"
S

15807 L -5, 534

S ?

15808 ^{F₃} B55/A1-1, TPx F. (TP_{low} x T.P) 535

S

F ₃ 36	B55/A1-2,	TP x F. (TP _{low} x TP)	5	15809
37	✓ -2,	"	MS Sg	15810
38	✓ -4	"	MS Sg	15811
39	✓ -5	"	MS Sg	15812
F ₃ 41	B55/A2-1,	"	MR	15813 pen 9/27/51
42	✓ -2,	"	MS	15814
43	✓ -3,	"	MR	15815 pen 9/27/51
44	✓ -4	"	MS Sg	15816

15817	F3 B551A2-5, per 9/27/57	TP x Fi (TP dw. x TP) MR 50	545
15818	- -6, per 9/27/57	" MR	546
15819	- -7, per 9/27/57	" MR	547
15820	CP-231	VS	
15821	F3-B551-2-1,	MS?	548
15822	- -2,	MS? 59	549
15823	- -3,	S	550
15824	not cont-4		551

Damage from wave

F ₃ 52	B551A3-S,	TP _x F. (TP _{low} x TP)	15825
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53	✓ -6,	" MS	15826
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54	✓ -7,	" P	15827
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55	✓ -8,	" MS sg.	15828
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56	✓ -9,	" S	15829
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57	✓ -10,	" S?	15830
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F ₃ 58	B551A5-1,	" MS sg.	15831
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59	✓ -2,	" MS sg.	15832
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Changed by Cond

15833	F ₃ B55/A5-3	TPxF, (TP duxTP)	MS Soy	MS	561
15834	✓ -4,	MS Soy	"		562
15835	✓ -5,	MS Soy	"		563
15836	F ₃ -B55/A6-1,	MR	"		564
15837	✓ -2,	S (1 R plot)	"		565
15838	✓ -3,	MS	"		566
15839	✓ -4,	MS	"		567
15840	CP-231		S		568

↑
changed by [signature]

18 F₃ B551A6-5, TP_xF_i (TP_{dux}TP) 15841

19 - -6, MS " 15842

20 F₃ B551A7-1, MS " 15843

21 - -2, S " 15844

22 - -3, MS " 15845
 Damaged by
 pon
 9/27

23 - -4, MS " 15846

24 - -5, S " 15847

25 - -6, S " 15848

80
F₃ B551A7-7, TPx F, (TP dex TP)
15849 S 596

✓ -8, MS
15850 1R ph. 597

✓ -9, MS
15851 Seq. 598

✓ -10, S
15852 599

F₃ B551A8-1, S
15853 591

✓ -2, S
15854 582

✓ -3, S
15855 583

F₃ B551A9-1, MS
15856 394. 584

3 15	B551A9-2,	TP x F, (TP dw x TP)	15857
	MS Sag.		pon 9/27/57
6	✓ -3,	MS Sag.	15858
		"	pon 9/27/57
7	✓ -4,	MR	15859
		"	pon 9/27/57
	CP-231	US	15860
8	F2-B551A9-5,	TP x F, (TP dw x TP)	15861
	AS		
9	✓ -6,	MS Sag.	15862
		"	pon 9/27/57
10	✓ -7,	MS Sag.	15863
		"	pon 9/27/57
11	✓ -8,	MR	15864
		"	pon 9/27/57

F₃ B551A9-9

15865

TP x F_i (TP ~~low~~ x TP)

MR

592

par
9/27/57

✓ -10

15866

"
MR

593

par
9/27/57

F₃ B55233A9-1,

15867

Rex x F_i (Bbt 50 x Rex)

R

594

8/28/57

some early R

✓ -2,

15868

R"

595

par
9/27/57

15869

✓ -3,

"
MR
seg

596

✓ -4,

15870

"
MR

597

8/28/57

9/27/57 nice looking now

some early R

✓ -5,

15871

"

598

par
9/27/57

R
seg.

✓ -6,

15872

"
US

599

3 01	B55233A9-7,	Rex. x F. (Bbt 50 x Rex)	MS sq.	15873 pan 9/27/57
02	✓ -8,	"	MS sq.	15874 pan 9/27/57
03	✓ -9,	"	S	15875
04	✓ -10,	"	MS sq.	15876 pan 9/27/57
05	F3-B55233A10-1,	"	S	15877
06	✓ -2,	"	MS sq. STR	15878 8/28/57 9/27/57
07	✓ -3,	"	sure early R S	15879
	CP-231		S	15880

F3 B55233A10-4, Rex. x F. (Bbt 50 x Rex)
15881 MR
par
9/27/57
leg

15882 L -5, MS
par
9/27/57
leg

15883 L -6, S
mill

15884 L -7, MS
par
9/27/57
leg

15885 L -8, MS
par
9/29/57
leg

15886 L -9, MR

15887 L -10, MS
par
9/27/57
leg

F3 B55233A11-1,
15888 MS

3	✓	BSS233A11-2,	Rex. x F, (B6t50 x Rex)	"	15889
17	✓	-3,	MS Segn	"	15890 pon 8/28 9/5/57
18	✓	-4	sew early R MAP Sg.	"	15891 pon 9/27/57
19	✓	-5	MS Segn	"	15892 pon 9/17/57
21	✓	F3, BSS233A11-6,	MS Segn	"	15893 pon 9/27/57
22	✓	-7,	MS Segn stR	"	15894 pa 9/27/57
23	✓	-8,	MS Segn	"	15895 pon 9/27/57
24	✓	-9,	MS Segn	"	15896 pon 9/27/57

				Mex No.
15897	F ₃ B55233A11-10		Rex x F ₁ (BBTsox Rex) MR	625
15898	F ₃ L -11		MR Segn	626
15899	L -12		S "	627
15900	CP-231		S	
15901	B55233A12-3		Rex x F ₁ (BBTsox Rex) MS Segn Mostly S	628
15902	L -4		MS Segn Mostly S	629
15903	L -5		MS Segn	630
15904	✓ -6		S "	631

pon
9/27/57

pon
9/27/57

ex Y0.					
3	B55233A12-7	Rex x F. (Bbt Sox Rex)	MS sqv	15905	pon 9/21/57
2					
3	✓	-8	S	"	15906
4	✓	-9	S	"	15907
5	✓	-10	MS sqv	"	15908
6	B55233A13-1		S	"	15909
7	✓	-2	MS sqv	"	15910 pon 9/27/57
8	✓	-3	S	"	15911
9	✓	-4	MS	"	15912

15913

F₃ B55233A13-5 Rex x F. (Bbt 50 x Rex)
S 641

15914

✓ -6

"
MS
Segu

642

POW
9/27/57

15915

✓ -7

"
MS
Segu

643

15916

✓ -8

"
MS
Segu

644

15917

✓ -9

"
S

645

15918

✓ -10

"
MS
Segu

646

15919

✓ -11

"
MS
Segu

647

15920

CP-231

S

Stg 561411 (57V4)

MS

15921

(57V7)

MS

15922

C.I. 9355 (57URN8)
Loo x 2.

S

15923

Nato

(57URN9)

MS-MR

15924

~~4II~~

(57URN11)

4II-1-8 x 252

MR

15925

CI 9357 (57URN12)

CI 8994 x 5426A

MS

15926

(57URN13)

S

15927

CI 9358

(57URN14)

CI 8994 x 5426A

MS

15928

15929

(57 URN 21)
MR

15930

CZ 9186

(57 URN 22)
S

15931

(57 URN 24)
R

15932

CI 9360

(57 URN 26)
R

15933

(57 URN 27)
S

15934

(57 URN 28)
VS

15935

(57 URN 29)
R

15936

(57 URN 30)
MS but little glum 188
discoloration

(		R	(57URN31) 15937
5		R.	(57URN32) 15938
.9		VS	(57URN33) 15939
CP-231		S	15940
		S	(57URN34) 15941
		MP	(57URN41) 15942
.5		R	(57URN43) 15943
7		R	(57URN49) 15944

15945

(57URN50)
S

15946

(57URN51)
S

15947

(57URN52)
MR

15948

(57URN53)
912

R

15949

(57URN54)
VS

15950

(57URN62)
423

R

not Caline

15951

(57URN63)
MR

15952

(57URN65)
MS

(~~57URN66~~) CI 9368
Hyb Mix

R

(57URN66)

15953

MS

(57URN67)

15954

MP

(57URN68)

15955

R

(57URN70)

15956

CI. 8312 Asahi

MS

(57URN72)

15957

MS

(57URN85)

15958

CI. 9210

CI 8994 x Cody MR

(56URN77)

15959

CP-231

S

15960

- | | | |
|-------|--|-------------------------|
| 15961 | CI. 9356
250-129 x Reg. Port. | (56URN 11)
MS-MR |
| 15962 | CI 9364. B523/A2-27
B450 x B455 A1-25 | R (56URN 49) |
| 15963 | Dodd Hull Toro | S (56URN 11) |
| 15964 | CI. 9359
9402 | R (56URN 24) |
| 15965 | C.I. 9211 | S (56URN 27) |
| 15966 | CI. 9361 | V.S. (56URN 28) |
| 15967 | CI. 9363. | R. (56URN 30) |
| 15968 | CI. 9094.
Kf. Mix. | MS (56URN 63) |

CI. 9369	S	(56 URN 67) 15969
B517A2-27-2-1 433-1	VS	CP231X B4510A1-77 15970
433-2	VS	15971
433-3	S	15972
433-4	S saved 1 early R	15973 8/28/57
433-5	S	15974
433-6	S	15975
B517A2-27-2-2, 5434-1	S	" 15976

15977 BS17A2-27-2-2,

CP231x B4510A1-77
S 15434

15978 ✓

VS 15434

15979 ✓

VS 15434

15980

CP-231

VS

15981

BS17A2-32-2-1

VS "

15435

15982 "

S 15435

15983

BS17A2-32-2-2,

S 15435

15984 "

S 15435

B517A2-32-2-2,
5438-3

CP231X B451DA1-77
S 15985

✓
138-4

S

15986

B517A2-46-2-1,
448-1

S

" 15987

448-2

"

S

15988

5448-3

"

MS
Seg

15989

8/28/57

saved early R

5448-4

"

MS
Seg

15990

B517A3-61-2-1,
5456-1

MR

"

15991

5456-2

"

MR

15992

15993	B517A3-61-2-1,	CP231X B451DA1-77	1545
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MR

15994	B517A4-80-2-1,	R	1549
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15995	"	R	1549
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15996	"	R	1549
-------	---	---	------

15997	"	R	1549
-------	---	---	------

15998	"	R	1549
-------	---	---	------

15999	"	R	1549
-------	---	---	------

16000	CP-231	MS	
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MS

B517A4-8D-2.
5/3-1

CP231x
MS

B4510A1-77
16001

5/3-2

"

MR

16002

8/28/57

25/3-3

"

save early R

MR

16003

8/28/57

25/3-4

"

save early R

MR

16004

25/3-5

"

MR

16005

8/28/57

25/3-6

"

MR

16006

8/28/57

B517A4-119-2-1,
503-1

CP231x B4510A1-77
MR

16007

8/28/57

5503-2

"

save early R

MR

16008

8/28/57

purple stems
save early R

116009 BS17A4-119-2-1, CP231X B4510A1-7: MS 1550

16010 BS117A1-14-2-1, CT 9/22 CP231X B4512A1-32 S 1551

16011 " MS 1551
8/28/57

16012 save early R MS 1551

16013 MS 1551
8/28/57

16014 BS117A1-14-2-2, save early R MS 1551

16015 " MS 1551

16016 " MS 1551

BS117A1-14-2-2. 518-4	"	CP231X B4512AF32 MS	CI 9122 16017
5518-5	"	MS	16018
5518-6	"	MS	16019
CP-231		S	16020
BS117A1-14-2. 34/4-1		CP231X B4512AF32 MS	CI 9122 16021
34/4-2	"	MS	16022
34/4-3	"	S	16023
34/4-4	"	MS	16024 8/28/57

Done early R

16025	B5117A1-14-2,	CP231 x B4512A1-32 S-MS S	CD9/22 734
16026	"	MR	734
16027	B5117A1-41-1-1,	CP231 x B4512A1-32 no plants	CD9/22 155
16028	"	S	155
16029	"	VS	155
16030	"	VS	155
16031	B5117A2-55-2-1,	-MS "	1555
16032	"	-MS	1555

BS117A2-55-2-1,
5551-3

CP231X B4512A1-32

16033

MS

BS117A2-55-2-2,
5552-1

MR Segn

16034

5552-2

MS Segn

16035

15552-3

MR

16036

35232A1-3-2-2,
5612-1

CT9278
B455A1-25X
R

CP231
16037

5612-2

MR

16038

15612-3

R

16039

CP-231

S
later

16040

16041	B5232A1-3-2-2.	C79278 B455A1-25-CP23 R	1561
16042	"	MR sign	1561
16043	"	MR sign	1561
16044	B5232A1-10-2 -1	R	1562
16045	"	R	156
16046	"	R	156
16047	"	MR MS	1562
16048	"	R-MS MS	156

135232A1-10-2-1, 621-6		CI 9278 B455A1-25 x CP 231	16049
		MR-	
B5232A1-10-2, 709-1		MR-	16050
		"	
770 $\frac{0}{4}$ -2	"	R	16051
770 $\frac{0}{4}$ -3	"	R	16052
770 $\frac{0}{4}$ -4	"	R	16053
770 $\frac{0}{4}$ -5	"	R	16054
770 $\frac{0}{4}$ -6	"	R	16055
770 $\frac{0}{5}$ -1	"	R	16056

16057

B5232A1-10-2

CD9278
B455A1-25 x CP23 770
R

16058

"

R

770
1605

16059

"

R

770
1605

16060

CP-231

S

16061

B5232A1-10-2

CD9278
B455A1-25 x CP23 770
R

16062

"

about CP231 mat →

R

770

16063

"

R

770

16064

"

about CP231 mat

MR-1

770

770 B5232A1-10-2 6-3		CD9278 B455A1-25 X CP231 MR	16065
770 6-4	"	MR	16066
770 6-5	"	MR	16067
770 6-6	"	MR	16068
B5232A1-10-22, 15622-1		CD9278 B455A1-25 X CP231 MR	16069
15622-2	"	MR	16070
15622-3	"	MS?	16071
15622-4	"	MR	16072

16073

B5232A1-58-1-1.

CI 9278
B435A1-25 x CP 231
MS 1562

16074

"

MR

1562

16075

"

R

1562

16076

"

MR

1562

16077

B5232A1-54-1-1.

R

"

1562

16078

"

R

1562

16079

"

R

1562

16080

CP-231

S

B5232A1-54-1, 15629/4	"	CI 9278 ^{mostly} B455A1-25 x R	CP 23/ 16081
15629/5	"	R	16082
B5232A1-101-2, 15652/1	"	R	16083
15652/2	"	R-	16084
15652/3	"	MR	16085
B5232A1-101-3, 15653-1	"	R	16086
15653-2	"	MR-	16087
15653-3	"	MR	16088

16089	B5232A1-101-1-4,	mostly CD9278 B455A1-25 x CP231 MR	1565
16090	"	MR	1565
16091	"	MR	1565
16092	B504A1-27-3-2-1,	Z X B433A2-6 MS	1573 Plant Se
16093	"	MS	1573 Plant Se
16094	"	S	1573 Plant Se
16095	B504A1-27-3-2-1,	Z X B433A2-6 MS	1573
16096	" Low volume good Zenith type, Watch see 57-4402 and Pan 9/5 57-641 and 642	R =	1573

B504A1-27-3-2-1, 15736-3	MS	Z X B433A2-6 15097
B508A2-1003-1-1, 15753-1	R	B6t x H0-10 16098
15753-2	R	16099
CP-231	VS	16100
B508A2-1003-1-1, 15753-3	MS	B6t x H0-10 16101
B508A2-1003-1-2, 15754-1	MS	16102
15754-2	MR	16103
15754-3	MR	16104

16105	B502A2-60-1-1-2,	B6tx CP 231 MS	15781
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16106	"	S	1578
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16107	"	MS	1578
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16108	B502A2-60-1-2-1,	MS	1578
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16109	"	MS	1578
-------	---	----	------

16110	"	MS	1578
-------	---	----	------

16111	B502A3-61-3-2-1,	B6tx CP 231 MS	15815
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16112	"	MR	15815
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Three all approach

B502A3-61-3-2-1,
15815/3

MR B61-CP 231 16113

15815/4

"

MS

"

16114

15815/5

"

MR

"

16115

15815/6

"

MR

"

16116

B502A3-61-3-2-3,
15817/1

MR

"

16117

15817/2

"

MR

"

16118

15817/3

"

MS.

"

16119

CP-231

VS

"

16120

mostly

16121	BSD2A3-61-3-2-3	Bb+xCP231	15818
		MS	

16122	"	R	15819
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16123	"	R	1581
-------	---	---	------

16124	BSD2A3-61-3-2-5	R	1581
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16125	"	R V good	1581
	for 9/27/59		

16126	"	R	15819
-------	---	---	-------

16127	"	R	1581
-------	---	---	------

16128	"	R-1.5	1581
-------	---	-------	------

B502A3-61-3-2-5, 15819/6		<i>mostly</i> <u>S-R</u> MS	B6t x CP231 16129
B502A3-61-3-2-6, 15821-7		<u>S-R</u> MS	16130
15821-2	"	<u>MR</u> ^S	16131
15821-3	"	<u>MR</u>	16132
15821-4	"	<u>R-</u>	16133
15821-5	"	<u>R-</u>	16134
15821-6	"	<u>R-</u>	16135
B502A2-98-7-2-2, 15853-1		<u>B6t x CP231</u> MS	16136

16137 B502A2-98-7-2-1

B6t x CP231
MR

1585

16138

"

R

1585

16139

"

R

1585

POW

9/27/57

Nov. 9/27. 1 good gold bull type, low volume

16140

CP-231

S

16141

B502A2-98-7-2-1

B6t x CP231

R

1585

16142

"

R

1585

16143

B502A2-156-9-3

R

1585

16144

"

R

1585

POW

9/27/57

B502A2-156-9-3,
15859-3

MR B6t x CP231

16145

15859-4

"

R

16146

15859-5

"

MR

16147

15859-6

"

R

16148

B502A3-20-7-23
15866-1

R

"

16149

15866-2

"

R

16150

15866-3

"

R

16151

15866-4

"

R

16152

16153 B502A3-28-7-2-3,

B6+ x CP231
R 15866

16154 "

R 15866

16155 B502A3-139-7-1-4,

R 15878

16156 "

R 15878

16157 "

R 15878

16158 "

S-MS 15878

16159 "

R 15878

16160 CP-231

S-MS S

B502A3-139-7-1-4,
5878-6

R

B6t x CP231

16161

B502A3-139-7-1-6,
5881-1

R

16162

15881-2 "

MR

16163

15881-3 "

MR

16164

5881-4 "

MR-

16165

5881-5 "

MR

16166

15881-6 "

MR

16167

B55-831-2,
16342-1

B6t 50 Scl
MR

16168

16169	B55-8351-2, B6+50 S-1 MR	16342
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16170	" MS	1634
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16171	" MS	16342
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16172	F3B55 233A 2-1, Rex x F, (BB+50 x Rex) MR Sog.	1711
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16173	-2 MR Sog.	1711
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16174	-3 R	1711
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16175	-4 R	1711
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16176	-5 R	1711
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Due,
Dead feed out

74

711-6 F3-B55233A2-6, Rex x F1(BBT50 x Rex)
R 16177

711-7 -7, MR
sign 16178

711-8 -8, MR
sign 16179

CP-231 S 16180

711-9 F3-B55233A2-9, Rex x F1(BBT50 x Rex)
R 16181

711-10 -10, MS
sign 16182

712-1 F3-B55233A4-1, MS
sign 16183

712-2 -2, MR 16184

16185 $F_3 - B55233A4-3$, Rex. x F. (BB150 x Rex) 1712
S

16186 -4, S 1712
"

16187 -5, R 1712
"

16188 -6, S 1712
"

16189 -7, MS 1712
"

16190 -8, $\frac{MS}{Segn}$ 1712
"

16191 -9, $\frac{MR}{Segn}$ 1712
"

16192 -10, $\frac{MS}{Segn}$ 1712
"

713-1 F3-BSS 233A6-1, Rex x F1 (BBT50 x Rex)
S 16193

713-2 " 2, MR " 16194

713-3 -3, MR " 16195

713-4 -4, MR
Seg 16196

713-5 -5, MS
Seg 16197

713-6 -6, MS
Seg 16198

713-7 -7, MR " 16199

CP-231 S 16200

85
F3-B55233A6-8, Rex. x F. (BB150 x Rex.)
16201 MS 1713

" -9,
16202 MS 1713

" -10,
16203 SP
conv? 1713

F3-B55233A12-1,
16204 S 1717

" -2,
16205 S 1717

" -3,
16206 MS 1717

" -4,
16207 MS 1717

" -5,
16208 S 1717

717-6	F3 - B55233A12-6,	Rex F ₁ (BBT50x Rex) MS	"	16209
717-7	-7,	MS	"	16210
717-8	-8,	S	"	16211
718-1	F3 - B55233A14-1,	MS	"	16212
718-2	-2,	$\frac{MS}{segs}$	"	16213
718-3	-3,	$\frac{MS}{segs}$	"	16214
718-4	-4,	$\frac{MS}{segs}$	"	16215
718-5	-5,	S	"	16216

16217 F3-B55233A14-6, Rex x F₁(BBt50xRex)
S 1718

16218 " -7, MS
Seg 1718

16219 " -8, MR 1718

16220 CP-231 VS

16221 F3-B55233A14-9, Rex x F₁(BBt50xRex)
S 1718

16222 " -10, MS
Seg 1718

16223 F3-B55233A15-1, MS
Seg 1719

16224 " -2, MS
Seg 1719

F3 - B55233A15 - 3, Rex x F, (BBT50 x Rex)
 719-3 S 16235

719-4 " -4, S " 16226

719-5 " -5, S " 16227

719-6 " -6, MS " 16228

719-7 " -7, S " 16229

719-8 " -8, MR
 sep " 16230

719-9 " -9, S " 16231

719-10 " -10, MS
 sep " 16232

16233 $F_3 - B55233A17-1, \text{Rex} \times F_1 (\text{BBTso} \times \text{Rex})$ S 172

16234 " -2, MS sign 172

16235 " -3, S 172

16236 " -4, MS sign 172

16237 " -5, MS sign 172

16238 " -6, MS sign 172

16239 " -7, NR 172

16240 CP-231

VS

720-8	F ₃ -B55233A17-8,	Rex x F ₁ (BBT50 x Rex)	MS Seg	16241
720-9	"	-9,	R	16242
				Jan 7/27
720-10	"	-10,	MS Seg	16243
722-1	F₃-B55233A	BBT50 R		16244
722-2		"	MR	16245
722-3		"	R	16246
722-4		"	R	16247
722-5		"	R	16248

16249	BBT 50	R	172
16250	"	R	172
16251	"	R	172
16252	"	R	172
16253	"	R	172
16254	F4 B537AT-1-1 See	CT 9/22 B4512AT-32X Ryan R	413
16255	"	R	413
16256	"	R	4136

OK to full out

79

Fy B5317A1-2
150-1

CL 9/12/2
B4512A1-32x Reys
R VE 16257
Segmat

150-2 "

R VE 16258
Segmat

150-3 "

R VE 16259
Harvested

CP-231

S 16260

Fy B5317A1-6
154_I-1

R " 16261

HV 8/2 8/37

154_I-2 "

R 16262

HV

154_I-3 "

R 16263

HV

154_{II}-4 "

R 16264

HV

all are very early mat

16265	Fy B537A1-6 Hv.	CD 9122 B4512A1-32 x Rexor. R	4/15
16266	"	R	4/15
16267	Fy B5338A6-1-1, pg 9/27/57	CD 9122 B4D30A3-13 x B4512A1-3 R	4/16
16268	"	IR	4/16
16269	" pg 9/27/57	IR	4/16
16270	"	IR	4/16
16271	" pg 9/27/57	IR	4/16
16272	Fy B5338A6-3-1,	" S	4/16

Fy B5338A6-3-1. 4/66-2	"	B4030A3-13X B4512A1-32 S	CP 9/22 16273
4/66-3	"	S	16274
4/66-4	"	S	16275
4/66-5	"	S	16276
Fy B5338A6-6-1, 4/67-1	"	<u>R</u>	16277
bond now	"	"	pon 9/27/57 Hv-9/27
4/67-2	"	S-MS?	16278
4/67-3	71	MR	16279
CP-231		S-MS	16280

16281 Fy B5338A6-6-1,

CI 9/22
B4030A3-12X B4512A+3
MR 4/16

16282 "

MS 4/16

16283 Fy B5338A6-6-2,
8/28/53 almost a B53 for length

MR " 4/16

16284 "
8/28/54

MR " 4/16

16285 "
8/28/57

MR " 4/16

16286 "
8/28/57

MR " 4/16

16287 "
8/28/57

MR " 4/16

16288 Fy B5338A6-21-2,

" S 4/17

Look at 9/15, check later
considerable stentery
page. early & mid section

79-2	B5338A6-21-2,	B4030A3-2 x B4512A1-32	CD 9/22	16289
79-3	"	S		16290
79-4	"	S		16291
84-1	B5338A1-4-1,	MR		16292
84-2	"	MR	moderately R. Considerable stunty	HV 16293
84-3	"	MR	Look to her, check later	HV 16294
84-4	"	MR		HV 16295
75-1	B5338A3-25-1,	MR		16296

16297	F4 B5338A3-25-1,	B4D30A3-12 X	CI 9/22 B4572A 427
16298	"	MR	427
16299	F4 B5338A3-25-2	MS	427
16300	CP-231	S	
16301	B5338A3-25-2	S	427
16302	"	S	427
16303	B5338A3-25-3	S	427
16304	"	S	427

Fy B5338A3-25-3, 277-3	B4030A3-13 X S	CI 9122 ✓ B4512A1-32 16305
Fy B5338A3-31-1, 79-1	S	" 16306
79-2	S	" 16307
79-3	S	" 16308
79-4	S	" 16309
79-5	S	" 16310
79-6	S	" 16311
Fy B5338A5-2-1, 182-1	MS	" 16312 8/28/57

16313	F4 B5338A5-2-1,	B4030A3-13X B4512A1-3	CF9122	428
		MS		
16314	"	MS		428
16315	"	MS		428
8/28/57				
16316	"	MS		428
8/28/57				
16317	"	MS		428
16318	F4 B5338A7-12-3,	MS		433
8/28/57				
16319	"	MS		433
16320	CP-231	J		

Eq B5338A7-12-3, 332-3	"	B4030A3-13X MS	CI 9/22 ✓ B4512A1-32 16321
332-4	"	MS	16322
332-5	"	MR	16323 8/28/57
332-6	"	MR	16324
Eq B5338A7-12-6, 4335-1	"	MR	16325 8/28/57
4335-2	"	MS	16326
4335-3	"	R	16327 8/28/57
4335-4	"	R	16328 HVS 8/28/57

16329	Fy B5338A7-12-6 ,	B4030A3-13x B4512A-3 MS	CD9122 43
16330	"	" S	43
16331	X-12-X-15, CP231	S	578
16332	"	S	578
16333	X-12-X-15, CP231	S	92
16334	"	S	925
16335	X-22, CP231	S	926
16336		S	926

9268-1	X-22-X-28-5, CP23/	S	16337
9268-2	"	S	16338
9272-1	X-27-4-2-1, CP23/	S	16339
	CP-231	S	16340
9272-2	X-27-4-2-1, CP23/	S	16341
9275-1	X-29-X-35, CP23/	S	16342
9275-2	"	S	16343
9277-1	X-29-X-35-2, CP23/	S	16344

16345 X-29-X-35-2, CP231 S 928

16346 X-37-X-44, CP231 S 928

16347 " S 928

Saved R

16348 X-45-X-56, CP231 S 930

Saved R

16349 " S 930

Saved R

16350 X-133-X-140, CP231 S 930

16351 " S 930

16352 X-56-X-64, CP231 S 930

9320-2	X-56-X-64, CP231	S	16353
9324-1	X-65-X-71-3, CP231	S	16354
9324-2	"	S	16355
9335-1	X-77, CP231	S	16356
9335-2	"	S	16357
9337-1	X-81-X-84, CP231	S	16358
9337-2	"	S	16359
	CP-231	S	16360

16361 X-81-X-84, CP231

S

933

16362 "

S

933

16363 X-85 to X-88, CP231

S

934

16364 "

S

935

16365 X-93-1-1, CP231

S

935

16366 "

S

935

16367 X-93-1-4, CP231

S

935

16368 "

S S

935

58-3	X-93-1-4. CP23/	S	16369
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59-4	"	S	16370
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364-1	X-98-3-7, Sterile, CP23/	S	16371
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364-2	"	S	16372
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370-1	X-99-1-2. CP23/	S	16373
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370-2	"	S	16374
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414-1	X-103 & X-112-3. CP23/	S	16375
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9414-2	"	S	16376
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16377	X-112-2-3,	S	942
16378	"	S	942
16379	X-112-3,	S	943
16380	CP-231	S	
16381	X-112-3,	S	944
16382	X-145-3-4 - X-146-3-4,	R	946
16383	"	R	946
16384	X-154-2-3, Bbt 50	MR	95:

bulk
seed

X-154-2-3

521-2
Bulk

MR

16385

X-154-3-4-1, B6+50

524-1

R

16386

526-2

"

R

16387

X-155-1-3-4, B6+50

535-1

S
Juckin' K57

16388

535-2

"

MS

16389

X-155-1-3-5, B6+50

536-1

MR

16390

536-2

"

MR

16391

X-155 to X-163-7

551-1

R

16392

16393	X-155 - X-163-7	R	954
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16394	X-157 - X-168-11,	R	954
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16395	11	R	954
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16396	X-157-3-4-4,	R	954
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16397	Validated	R	954
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16398	X-157-3-4-12,	R	960
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16399	11 Validated	R	960
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16400	CP-131	S	960
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1-245-3-1-2, 669-1		MR	16401
669-2	" Med-4	MR	16402
X-249-2-3-2, 680-1		S	16403
680-2	"	S	16404
X-225 - X-231-1, 761-1		MS	16405
761-2	"	MR	16406
X-225 - X-231-8 768-1		MS	16407
768-2	"	MS	16408

16409	X-258-1-2-2, 136+50	MR	98
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16410	"	R	98
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16411	X-258-4-4-2, B6+50	R	98
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16412	"	MR	98
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16413	X-261-X-268-8	MS	98
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16414	"	MS	98
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16415	X-281-3-1-3, 136+50	R	98
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16416	"	R	98
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B5/12A1-14-1-2.
915-1

Blt x Zeyos ^{B330V}
VS 16417

915-2 "

VS 16418

B5/20A1-2-2-2
9926-1

Imp Blt x Zeyos ^{B330V}
S-VS 16419
Too late to classify

CP-231

S 16420

9926-2 "

late? " 16421

B5/23A1-2-2-1.
9933-1

I Blt x P.I. 180,060
R 16422

9933-2 "

R 16423

B54-608
9960-1

VS 16424

16425	B54-608	VS	99
16426	B49-4601-5A4	B6T Sc/ VS	99
16427	"	VS	99
16428	B49-4601-5A5	VS "	99
16429	"	VS	99
16430	Stg. 532197 , B4310A1-20 x CI 9210 sel.	MR	Cody 1500
16431	"	MR	1500
16432	"	MR	150

Stg. 532197, 007-4	B431041-20 x MR-1	Cody 16433
CI 8994X SU26A 012-1	MS	16434
5012-2	-MS	16435
012-3	-MS	16436
5012-4	S	16437
Stg. 533529 5014-1 CI 9358	CI 8994X SU26A S	16438
5014-2	S	16439
CP-231	S	16440

16441

Stg. 533529

C.I. 8994X 5426A

MS

1501

16442

"

MS

1501

16443

Stg. 521302

R-7689X (TPxP-SBR)

CI 9186.

S

1501

16444

"

S

1501

16445

"

S

1501

16446

"

S

150

16447

Stg. 521089.

C4-157X Rex

CI 9211

S

150.

16448

"

S

150

5022-3	Sdg. 531089	S	C4-157 x Rex	16449
5022-4	"	S	S	16450
5034-1	Imp. Bht	MR		16451
5034-2	"	MR	Pa 9/27	16452
5034-3	"	MR	Pa 9/27	16453
5034-4	"	MR	Pa 9/27	16454
5092-1	Sdg. 556536	MS	Revark x Asahi	16455
5092-2	"	MS		16456

Bully don't buy one
 grow in 1988, just 2000 ft.
 can just be seen of mountain but
 peak all day

16457	Stg. 556536 . Ruwark + Asahi	MS	1509
16458	"	MS	150
16459	Stg. 521626	TPxR-SBR Rogue MS.	1511
16460	CP-231	S	
16461	Stg. 521626	TPxR-SBR Rogue MS	1511
16462	"	S	1511
16463	Stg. 534889	Imp. Bbl x Nire Lg. H. S	1511
16464	"	S	1519

Stg. 534889. 5119-3		Imp. Bbt x Hill Lg. Yr. S	16465
5119-4	"	S	16466
Cu. 4010-3 5127-1		MR Sign?	16467
5127-2	"	MR Sign.	16468
5127-3	"	R	16469
5127-4	"	R	16470
Cu. 4011-2 5128-1		R	16471
5128-2	"	R	16472

16473	Co. 4011-2	R	151
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16474		R	151
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16475	1726 BR type	R	151
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Pan 9/27

16476	"	R	151
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Pan 9/27

16477	"	R	151
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16478	"	R	151
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16479	Slg. 521305, R-7689x (TPx R-SBR) eI 9187	S	152
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16480	CP-231	S	
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Stg. 521305 5240-2	, R-7689 x (TP x R-SBR)	S	16481
5240-3	"	S	16482
5240-4	"	S	16483
Stg. 536226. 5251-1 CI 9345-	Imp. Bbt x Hull Lz. h. <u>MS</u> <u>Seg</u>		16484
5251-2	"	S	16485
5251-3	"	S	16486
5251-4	"	S	16487
B51-4322-11, 127-	Bbt 50 Sel MS		16488

land R plant 17

16489	Hyb. Mex - 11-47-1-2, E. Sh. Gr. Bulk CI 9230	<u>R</u>	12
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16490	Hyb. Mex - 11-47-11-3-1-6, E. Sh. Gr. Bulk. CI 9291	MR	13
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16491	Hyb. Mex - 11-49-19-2, E. Sh. Gr. Bulk CI 9146	<u>R</u>	13
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16492	Hyb. Mex 12-49-3-4, L. Sh. Gr. Bulk CI 9147	MR	13
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16493	Hyb. Mex - 11-49-19-5, E. Sh. Gr. Bulk. CI 9368.	R	13
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16494	B53-2525 . CA x R	R?	13
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16495	R plants present B50-6642-2A, Jones + P S		16
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16496	P.L. 167, 931 (Turkey) V. little glaucous distortion but almost entirely sterile	S	16
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6 BS15A1-12-1, CP231x P.I. 184, 812
S 16497

67 BS16A1-8-1, CP231x C.I. 8150
S 16498

72 BS17A4-80-2, CP231x BUSIDA
R 16499

CP-231
S 16500

74 BS17A4-119-2, CP231x BUSIDA
Segn
MS 16501
8/28/57

75 BS17A4-119-3,
S. 16502

77 BS17A4-127-2,
S. 16503

79 BS338A5-2, B4030A3-12 x CI 9122
MR 16504

16505 B5338A5-17 , 134030A3-13x CI 9/22 MS 18

16506 B5338A7-12 , " MS-S 18
no glume distart.

16507 B517A3-56-2, CP231x B4510A R 18
Pan 8/15/57 Tailer than 16508

16508 B517A3-123-1 R " 19
Pan, 8/15
Nr 8/15 HV

16509 B517A2-32-2 MS " 19

16510 B517A3-117-2, " R 19

16511 B517A3-117-3, " MR 19

16512 B517A4-3-1, " MS 19

99	BS17A4-18-1,	CP231X B4510A MS	16513
203	BS118A1-10-1,	B6+x CI 9/22 R	16514 Pan 8/15
04	BS118A4-5-1,	R	16515 Pan 8/15/57
205	BS227A2-641,	CP231X B4513A MR	16516 8/15/57
206	BS117A1-11-4	CP231X CI 9/22 S.	16517
207	BS117A1-14-2,	Seq MR may be at MR?	16518 Pan 7/27
208	BS116A4-26-1,	CP231X B4513A MS Seq	16519
	CP-231	MS	16520

16521	BS117A2-28-3.	CP231X CI 9/22	20
		Deaf MR	
16522	BS117A1-16-1,	R "	210
	Pan 8/15		
16523	BS117A1-4-1,	R "	211
16524	BS117 A1-46-1 ,	MR "	213
	Pan 8/16	Seg 7	
16525	BS117A1-47-3 ,	R "	214
	Pan 8/15		
16526	BS117A2-4-1	MR "	215
	Pan 8/15	Seg	
16527	BS117A2-48-3,	R "	216
	Pan 8/15/59		
16528	BS117A2-60-1,	MS "	218
	Pan 8/15	Seg	

120	B5232A1-13-1,	CI 9278X CP231 R	16529
122	B5232A1-49-1,	R "	16530
123	B55-8/35	Crowley P.R. R	16531 Pan 8/15/57
124	B5213A1-19-2,	Imp. Bbt x P.I. 180,060 MS	16532
130	B506A1-3-3-2,	CP231 X HD-10 S	16533
132	B504A1-112-2-2,	Z X B433A2-6 S	16534
135	B55-7801,	Jitterbug. S	16535
136	P.I. 160,494	MR	16536

16537	B55-11004, Texas Patna Sol	R	24
16538	X-99-1, CP 231 Sol.	IS	24
16539	B55-7871, CP Rogue	S	24
16540	CP-231	S	
16541	B5231A2-92.	B6t 50 x CI 9278 R	25
16542	B5231A2-27-4.	R "	25
16543	B5232A1-3-2.	CI 9278 x CP 231 MR P Fig. Can't be sure out cross?	25
16544	B5232A1-8-1.	R "	25

59	B5233A1-8-2,	CI 9278 X R	TP 16545
66	B5233A1-65-2,	R	16546
67	B5233A1-70-1,	R	16547
69	B5233A1-74-1,	R	16548
70	B5233A1-77-3,	R	16549
71	B5233A1-89-6,	R	16550
72	B5233A1-96-1,	R	16551
73	B5233A1-96-3,	R	16552

16553	B5233A1-99-2.	CI 927P X TP R	274
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16554	B507A1-29-1-4,	B6t x HD 12 R	275
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16555	B507A1-58-7-1,	R "	276
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16556	B508A1-34-1-1,	B6t x HD 10 R	277
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16557	B508A2-100-3-2,	R "	278
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16558	B501A1-26-9-2,	B6t x B433A2-6 R	279
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16559	B511A.	CP231X 2995 BAZAN. MS	280
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16560	CP-231	S	
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281	B502A3-106-2,	MR	B66X CP23/ 16561
283	B502A2-7-1,	MR	" 16562
285	B502A2-7-3,	MR	" 16563
286	B502A2-7-7-2,	MR	" 16564
292	B502A2-12-7-1,	MR	" 16565
293	B502A2-44-1-1,	MR	" 16566
296	B502A2-60-1-1,	MR	" 16567
298	B502A2-60-1-3,	MS	" 16568

16569	B502A2-96-3-1,	Blex CP231 MR	300
16570	B502A2-98-3,	MR. "	305
16571	B502A2-113,	MR "	313
16572	B502A2-113-9,	MR "	314
16573	B502A3-139-7-2,	MR "	322
16574	B502A2-154	MR "	323
16575	B502A3-52-1-1,	MR "	324
16576	B4512A1-106-1-3-4, Hill Sel x B67	MR	333

334	B55-8351 , Bbt 50 Sel MR	16577
347	P.I. 162,122 MR	16578
348	X-251-1-4, Bbt 50 MR	16579
	CP-231 S	16580
353	B54-6837, Jitterbug S	16581
354	B54-6818, Jitterbug S	16582
355	B5112A1-106-2, Bbt x Zeyas Bazon US	16583
356	B5112A1-49-2 , US	16584

16585	B5111A1-202-2,	CP231X Zayas BAZAN S	359
16586	B5111A1-163-1,	MR	359
16587	B5111A1-45-4,	VS	360
16588	B53-9011, Sm. Zen.	S	361
16589	B53-2865 Zen. S-1	MS	363
16590	B53-8936, Sm. Zen.	MS	364
16591	B4564A2-12-2-1-1, Bruin Selx Z CT9446	MS	366
16592	B53-8803, Sm. Zen.	MS	367

68	B53-8813, Sm. Zen.	MS	16593
69	B53-8841, Sm. Zen.	MS	16594
70	X-81-X-84, CP231	VS	16595
71	X-93-1, CP231	S	16596
74	B53-9001, Sm. Zen. Sel	MS	16597
75	B53-8925, Sm. Zen. Sel	MS	16598
74	P.L. 209938 (Taiwan)	R	16599
	CP-231	S	16600

feeding
order
Tin order

16601	P.I. 2/5812. KARU-IKU45 (TAIWAN)	MR	1 - 1	475
16602	P.I. 2/5821 SHINHIKU-50 (Tai.)	MR	1 - 2	479
16603	P.I. 2/5827	MR	1 - 3	485
16604	P.I. 2/5837	MR	2 - 1	485
16605	P.I. 2/5841	MR	2 - 2	485
16606	P.I. 2/5849	MR	2 - 3	495
16607	P.I. 2/5860	MS	3 - 1	495
16608	P.I. 2/5875	MR	3 - 2	495
16609	P.I. 2/5890	MS	3 - 3	495
16610	P.I. 2/5908	MR	4 - 1	495
16611	P.I. 2/5920	MR	4 - 2	505
16612	P.I. 2/5921	MR	4 - 3	505
16613	P.I. 2/5922	MS	5 - 1	505
16614	P.I. 2/5931	MS	5 - 2	505
16615	P.I. 2/5932	MS	5 - 3	515
16616	P.I. 2/5939 Very good seed set	R	6 - 1	517
16617	P.I. 2/5952	MS	6 - 2	525
16618	P.I. 2/5954	MS	6 - 3	526

[very low seed set]
pr hulls

28	P.I. 215956	MR	<i>Adgerden</i> 7 - 1	16619
	CP-231	VS	7 - 2	16620
31	P.I. 215960	R	7 - 3	16621
36	P.I. 215970	R	8 - 1	16622
40	P.I. 215979	MR	8 - 2	16623
45	P.I. 216001	R	8 - 3	16624
49	P.I. 216018	R	9 - 1	16625
59	P.I. 215867	R	9 - 2	16626
60	P.I. 215900	R	9 - 3	16627
609	R.B. Gopher	S	10 - 1	16628
610	R.L. Gopher	S	10 - 2	16629
11	E.L. Gopher	S	10 - 3	16630
612	E.L. Gopher	S	11 - 1	16631
613	E.B. Gopher	S	11 - 2	16632
614	Penn. L. Gopher Lg.	MS	11 - 3	16633
615	Penn B. Gopher Bold	S	12 - 1	16634
616	Honduras	S	12 - 2	16635
617	Carolina Gold	MS	12 - 3	16636

16637	PR-147	S	61
16638	PR-416	S	619
16639	PR-304	S	620
16640	CP-231	S	
16641	PR-358	S	621
16642	PR-388	S	622
16643	PR-403	S	623
16644	PR-325	S	624
16645	PR-482	S	625
16646	CI 461	S	626
16647	RD-218	S	627
16648	SD-144	S	628
16649	H-32	S	629
16650	C-4	S	630
16651	R.L. Gopher off type	S	631
16652	Rogue Sanbonnett plants from Bay City	S	
16653		" -	2
16654	1/5/57	MS	3

Slyden
Tru arch

12 - 1

13 - 2

13 - 3

14 - 1

14 - 2

14 - 3

15 - 1

15 - 2

15 - 3

16 - 1

16 - 2

16 - 3

16 - 4

16 - 5

16 - 6

15 - 4

15 - 5

15 - 6

Same heads from 16475 to 79

Row 10 Harvest.

85

1957

SALT WATER
TEST

BLOCK 34 W

GENETIC STUDIES

F₃ LINES, PAGE 28

F₂ POPULATIONS

PAGE-52

FC-6A
(2-56)

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
Field Crops Research Branch

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

EXPLANATIONS OF HEADINGS AND ABBREVIATIONS OF TERMS USED.

SIZE OF PLOT.—Decimal fractions of an acre, as 0.1, 0.025, or, in the case of nursery rows, length in feet.

RATE OF SEEDING.—In pecks per acre.

DATES.—In figures, as 9/15 (=Sept. 15).

STAND.—In thousands of plants per acre wherever possible; otherwise in percentages.

SPRING SURVIVAL.—Given in percentages based on number of plants per acre surviving the winter as compared with stand the previous fall.

MANNER OF GROWTH.—e.=erect; sp.=spreading (of value in distinguishing spring and winter grains).

HEIGHT.—Given in inches; in the case of bearded varieties, measure to tip of heads, not to tip of beards.

INFECTION:

Smut and bunt.—Notes taken at time of ripening. State percentage of infected heads. For example, if 10 heads out of 100 are smutted, the infection is 10 percent.

Leaf rust.—Taken at time of full heading; state the proportion of infected surface in accordance with the accompanying scale.

Stem rust.—Taken at time of ripening; express in percentages as for leaf rust.

LODGING.—Given in percentages of plants lodged at time of ripening.

SHATTERING.—Given in percentages of shattered grain when fully ripe.

YIELD:

Total weight of crop.—Weight of total crop from plot both grain and straw, in grams, ounces, or pounds.

Grain per plot.—Grams, ounces, or pounds of threshed grain.

Straw per plot.—Difference between two preceding weights.

YIELD PER ACRE.—Calculated from plot yield, in bushels of legal weight; wheat, 60 pounds; oats, 32 pounds; barley, 48 pounds; rye, 56 pounds; emmer and spelt, 32 pounds; flax, 56 pounds; proso, 56 pounds; buckwheat, 48 pounds; rice, 45 pounds.

WEIGHT PER BUSHEL.—Actual weight as determined by the grain tester.

GENERAL DATA

In case of the series of row or plot tests it is desirable to have all the constant conditions recorded for future reference. For these data the pages following may be used. The sample page shows the manner in which the general notes may be entered. In case several sets of experiments are recorded in a single book the conditions governing each may be given, the heading at the top of the page showing to which particular test the notes refer. The blank pages may be used for additional data, particularly to record the high, low, and mean temperatures, the rainfall, and the number of clear days for each month covered by the experiment.

16-61741-1

SCALE FOR ESTIMATING RUST

1



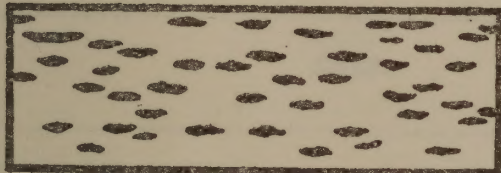
5%

2



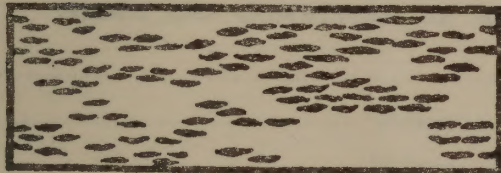
10%

3



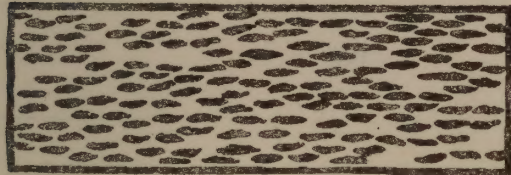
25%

4



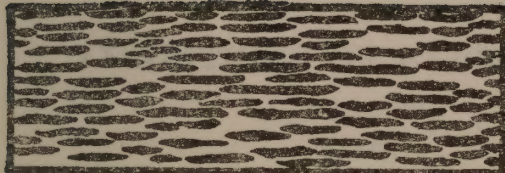
40%

5



65%

6



100%

Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook. The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

2100

9

18900

10.00

SAMPLE PAGE

VARIETAL TEST OF OATS, 1908

CONDITIONS OF EXPERIMENT

PLOT

Location_____Field H.
Size_____1/20 acre.

SOIL

Kind_____Prairie loam.
Position_____Somewhat rolling.
Previous crop_____Corn.

NAME AND CONDITION OF MACHINERY

Plow_____
Disk_____Osborn_____Sharp.
Harrow_____U Bar_____Good.
Seeder_____Monitor_____Good.

SEED

Variety_____Variable.
Weight per bushel_____Variable.
Source_____Variable.
Treatment_____Fanned clean and treated for smut.

SEED BED

Preparation :

1. Disked (lapped half)_____4-6-'08.
2. Disked (lapped half)_____4-10-'08.
3. Harrowed_____4-10-'08.
4. Harrowed_____4-27-'08.
5. Seeded_____4-27-'08.
6. Harrowed_____4-27-'08.

SEEDING

Manner_____Drilled.
Date_____4-27-'08.
Rate_____3 bushels per acre by weight.

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

PLANTED MAY 15

First salt added on $\frac{7}{3}$

520 lbs. of salt.

28
30
58

$\frac{7}{5}$ 201.50

$\frac{7}{8}$ 223.95

5, 4-ROW BULK SEED PLOTS FOR SEED INCREASE	301	4-ROW REPLICATED FIELD PLOTS	309
	201		209
	101		109
401	SINGLE ROW NURSERY		442
301			342
201			242
101			142

PLANTED MAY 15

Salt added 7/3

49 DAYS OLD

12,201

101

1st/last

8/25

5103

12,202

102

8/24

5445

3

103

8/20

5456

4

104

8/27

5463

5

105

8/16

5467

6

106

8/22

5472

7

107

8/18

5481

wt
Grams

410

~~350~~

~~658~~

~~524~~

~~Bulk 32~~

~~569~~

~~Bulk 43~~

~~530~~

12,208

5484

108

12/15
8/15

12,209

5503

109

8/16

12,210

5507

110

8/16

9877

111

8/16

9878

112

8/18

9884

113

8/18

9901

114

8/15

wt
Gromg
~~782~~

91

96

12,215

115

8/10

9905

116

9909

117

8/19

9912

118

8/13

9918

119

8/17

12,219

5512

120

8/9

5519

121

5523

Wt.
Grams

12,222

5534

122

128/1600
8/23

5539

123

8/23

5544

124

8/21

5546

125

5547

126

8/22

5552

127

8/27

5556

128

12,229

5562

129

128/100

8/22

130

9919

131

8/26

9921

12,232

5116

132

8/22

12,233

5117

133

8/17

134

8/25

5119

135

8/24

5121

Wt.
Gross

12,236

5127

136

58/6.4
8/25

5134

137

8/25

5139

138

12,239

9923

139

8/13

5175

140

5169

141

5164

142

8/17

wt
Grams

142

12,301

5148

201

1st Hand

2nd H.

8/12

202

8/12

5206

203

8/14

5236

204

8/18

5242

205

8/13

8/27

5255

206

8/13

8/26

5263

2

207

8/16

5272

wt
Grain

456

425

741

299

~~563~~

12,308

5303

208

128/600
8/21

209

8/15

5315

210

8/21

12,310

5318

211

8/26

5353

212

8/22

5377

213

8/12

12,313

5411

214

8/12

5429

Wt
GRAMS

135

~~348 B~~

134

91

126

12,315

5431

215

1st half / 1st half
8/15

5435

216

8/8

1605

217

8/10

1604

218

8/9

1601

219

7/2 P 8/15

12,320

1600

220

8/11

1598

221

8/11

8/8

8/18

wt
Grams
228

12,322

1599

222

1st
Hend
8/12

HT

5115 #

223

8/12

5119

224

8/21

5159

225

8/21

5173

226

5179

227

7/29 8/10

42

40-50% of you show cryptic sterility
then show discordant.

5183

228

8/10

12,329	229	1st/1st 8/15		140.
5211				
	230	8/15		
5215				
	231	8/26		
5221				
	232	8/27		
5246				
	233	8/18		
5253				
5259	234	8/2 8/12		43"
		good bit of sterility, discoloration		
	235	8/18		
5313				

12,336

5336

236

8/24

128/Head full H.

48

237

8/3

8/4

46"

5363

approx 75% full sterility - pro.
disinfectant

238

8/19

5372

239

8/19

12,339

5382

240

8/17

5452

241

8/18

5464

242

8/17

12,342

5504

wt
Grams

159

174

12,401

5549

301

1-28/16nd
8/24

12,402

5560

302

8/24

12,403

877

303

8/7 8/19

615

304

8/13

613

305

8/12

611

306

8/12

609

307

8/13

wt
Grams
143
~~306~~ E

~~206~~

127
Rep. ~~396~~

~~398~~

~~600~~

~~426~~

12,408

590

308

1/28 Hand

309

8/11

589

310

8/25

552

311

8/13

360

312

359

313

8/13

356

314

8/21

355

wt
Croms
501

		128/hood	Full/H	W.
12,415	280	315 @ 50% longer.	7/26 8/7 sterility	44
12,416	123	316 longer. some discoloration low sterility	8/2 8/12	50
	122	317 @ 50% sterility	8/4 8/12	46
	90	318		
	88	319		
	83	320	8/18	
	82	321		

wt.
Grams

164

12,422

72

322

120 lb.

8/22

Half H.

1/8

323

8/23

69

324

8/17

64

325

8/9

8/18

45

62

326

8/9

8/18

46

61

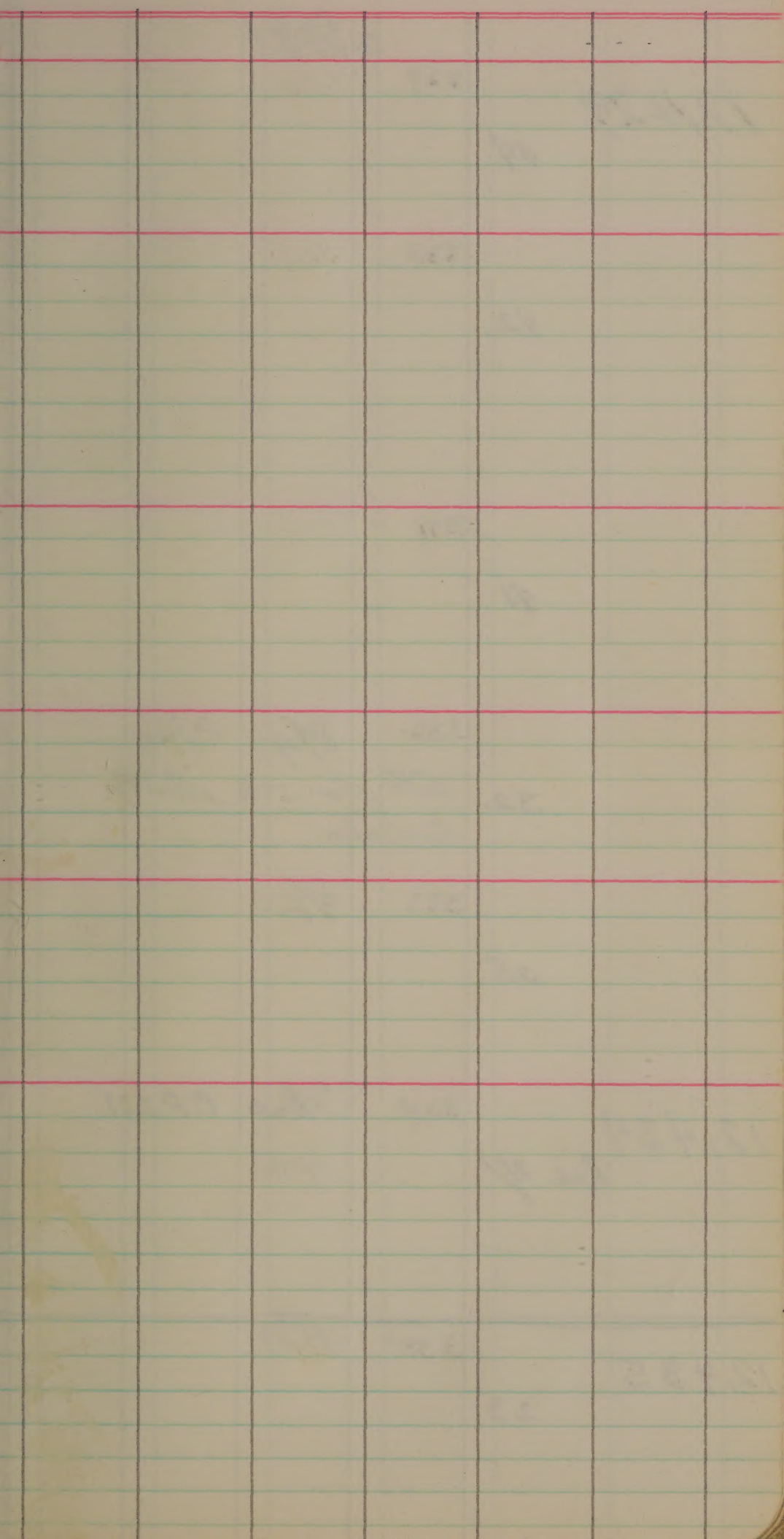
327

8/21

47

328

45



12,429

44

329

128/160

128

330

42

331

41

332

8/4

8/14

40

32

little than 50% sterility.
development.

333

8/20

25

12,434

Red 3/1

334

Red CP 231

8/14

12,435

23

335

8/14

wt.
Grams

197

76

12,436	9	336	128/100 8/11	200/100 8/18	149
12,437	6	337	8/10	8/19	
12,438		338	8/9	8/17	52
Bbs x Z. B.					
12,439	"	339	8/9	8/17	52
12,440	"	340	8/9	8/17	53
12,441	"	341	8/9	8/18	50
12,442	"	342	8/11	8/18	51

show fairly good tobacco
development. It had green abaxial
domes slightly.

Wt.
Grams

175

108

120

136

112

148

		1st/cond	Full H.	Nr.
12,501 Blt x Zayn Bagan	401	8/11	8/19	52
12,502 "	402	8/8	8/18	53
12,503 "	403	8/8	8/18	53
12,504 "	404	8/8	8/18	53
12,505 "	405	8/8	8/18	53
CP231 check 12,506	406	8/13		
12,507 Blt x Z.B. Buck	407	8/8	8/18	55
	8/8	some	sterility & discoloration	

		wt Grams 113		
--	--	--------------------	--	--

		179		
--	--	-----	--	--

		88		
--	--	----	--	--

		195		
--	--	-----	--	--

		70		
--	--	----	--	--

		174		
--	--	-----	--	--

		1st/Hand	Full H.	Ho
12,508 Blt x 2.B. Bulk	408	8/7	8/18	56
		8/18 same as 407		

12,509 Blt 50 Bulk	409	8/26		
-----------------------	-----	------	--	--

12,510 CP231X Janyas Bagan	410	8/11		
-------------------------------	-----	------	--	--

"	411	8/6	8/17	56
		8/8 good little of stickley		

"	412	8/11	8/18	51
---	-----	------	------	----

"	413	8/7	8/19	52
---	-----	-----	------	----

12,514 "	414	8/12	8/20	
-------------	-----	------	------	--

wt
Grams
149

137

99

		Lat/Long	Full H.	
12,515 CP231X Zaya Bayan	415	8/15		14
"	416	8/15		
"	417	8/7	8/19	
12,518 "	418	8/7	8/19	
12,519 "	419	8/16		
"	420	8/10	8/20	
"	421	8/9		

wt
Grams
129

150

150

12,522 CP231x Zayno Begun	422	128/160 8/13		110
------------------------------	-----	-----------------	--	-----

12,523	423	8/9		
--------	-----	-----	--	--

12,524	424	8/13		
--------	-----	------	--	--

"	425	8/4	8/17	48
---	-----	-----	------	----

"	426	8/2	8/12	56
		> 50% sterility		

"	427	8/6	8/17	47
---	-----	-----	------	----

12,528 CP231 check	428	8/14		
-----------------------	-----	------	--	--

Wt
G 12mg

216

121

150

12,529 CP231X Jagan Bagan	429	1st/bud 8/6	Full R. 8/18	180 5 5/18
12,530 "	430	8/16		
"	431	8/5	8/17	46
	8/18 @ 5% sturb			
C.I. 9122 12,532	432	8/3	8/12	51
	8/18 sturbly & discolored & brown.			
C.I. 9122 12,533	433	8/3	8/12	51
	8/18 same as 432			
C.I. 9122 buck 12,534	434	8/3	8/12	52
	some			
C.I. 9122 buck 12,535	435	8/3	8/14	51
	some			

wt
Grancy

190

79

113

112

152

		1st Half	Full H.	
12,536 Imp. Bbb. x2.B.	436	8/5	8/18	1/10 Sg.
"	437	8/10	8/21	
"	438	8/17		
"	439	8/8	8/19	
CP 231	440	8/14		
CP 231	441	8/14		
CP 231	442	8/13		

SOWN: MAY 15

BULK SEED INCREASE PLOTS

CP231 X SLO-17	101	1/28/60		
12,601		8/9	seg	Pan.
CP231 X MITU-1	102	8/9	seg	Pan.
12,602				
CP231 X GEB-24	103	8/8	seg	Pan.
12,603				
12,604	104	8/8	seg	32gm
CP231 X CRH-13				
12,605	105	7/29	seg	142gm
BULK SEED OF BS6-11, 329, 33, 35 36, 37, 39, 40, 41, 42				

SOWN MAY 16.

REPLICATED PLOTS

12.701

ZENITH
(405)

101
206
303

1st head field H. Rpt
8/8 8/9
8/8 8/19
8/8 8/19

Rpt

H8.

NATO
(401)

102
208
301

8/6 8/17
8/7 8/19
8/6 8/17

discoloration & sterility Rpt

12.702

CP231
(LOT 8 FD.)

103
202
307

8/12 8/20
8/12 8/22
8/12 8/20

~

12.703

C.I. 9122
(411)

104
207
305

7/31 8/9
7/27 8/8
7/25 8/9

8/25
8/25
8/23

49
47
48

9/18 High sterility & discoloration

TORO
(417)

105
209
309

8/19
8/19
8/16

12.705

BBT 50
(418)

106
204
302

8/20
8/22
8/22

12.706

No.	YIELD	acre (lks.)	Bls.		
	per plot gms				
9/3	410				
9/3	299				
	<u>396</u>				
	1105	1470	9.1		
	350				
	348				
	<u>306</u>				
	1004	1335	8.2		
	658				
	456				
	<u>426</u>				
	1540	2048	12.6		
	524				
	563				
	<u>398</u>				
	1485	1975	12.2		
	269				
	134				
	<u>116</u>				
	519	690	4.3		
} NOT HARVESTED					
	206	822	5.1		
	3				
	618				

12,707

CP 231 X 2AYAS
BAZAN
(1956 BULK)

107
203
308

8/7
8/6
8/7

44
22

497

CALORO
(425)

108
205
306

8/9
8/9
8/9

48

12,708

BLUE ROSE

109
201
304

8/21
8/22
8/22

12,709

YIELD

gms

530

425

501

1456

1936 12.0

783

741

688

2212

2942 78.2

NOT HARVESTED

Genetic Study, F3 LINES:

				HT
17101	11287-1	101	Tall ✓	57
			tall	
17102	-2	102	leg. N T	
			leg.	
17103	-3	103	leg. T N	
			leg.	
17104	-4	104	leg. N T	
			leg.	
17105	-5	105	Normal ✓	
			norm.	
17106	-6	106	Normal ✓	
			norm.	
17107	-7	107	leg. T N	
			leg.	

CP 231 x Tall CP

1956
Crop

54

1957
Crop

42

33

1958

✓

✓ 33

15

16

27

21

18

45

23

27

29

✓

29

22

18

15

48

33

30

✓

46

32

27

31

✓

17108

108

Tall

11287-8

✓

Tall

17109

109

Normal

✓

nor.

17110

110

Tall

✓

Tall

17111

111

leg.

TN

sup

17112

112

Tall

✓

Tall

17113

113

Tall

✓

Tall

17114

114

Tall

✓

Tall

1956
Crap
83

1957
Crap
81
73

76

75
66
77

53

34
27
31

✓

82

72
65
75

28

24
16
20

48

34
24
28

✓

44

37
32

✓

17115

115

Fall

11287-15

Fall

17116

116

Normal

✓

17117

117

Fall

✓

Fall

17118

118

Lug.

N T

sup

17119

119

Fall

✓

11287-19

Fall

CP231, check

120

Normal

17120

inver.

17121

121

Fall

-

11287-20

Fall

1956
Crop
39

29
33

✓

✓

26

28
19
✓

70

81
77

40

40
35

✓

77
81

35

36
37

✓

17122

11287-21

122

leg.

NT
sep

17123

123

leg.
TN

sep

17124

124

Normal

✓

non

17125

125

leg.

TN
sep

17126

126

leg.

NT
sep

17127

127

leg.

TN

sep

17128

128

Normal

normal

68

71

73

32

41

35

✓

37

36

29

✓

39

37

24

27

✓

75

77

76

33

37

27

✓

43

31

29

✓

17129

129

Fall

11287-28

✓

Fall

17130

130

Fall

Fall

17131

131

Fall

Fall

17132

132

Fall

Fall

17133

133

Aug.
T N

Aug.

17134

134

Aug.

N T

17135

135

Aug.

T N

Aug.

27

27

17

19

83

73

72

40

43

34

✓

75

79

76

26

24

16

19

76

68

72

83

39

34

30

✓

17136

11287-35

136

Normal

✓

nr.

17137

137

leg.

N T

sep

17138

138

leg.

N T

sep

17139

139

leg.

N T

sep

Toll CP, check

17140

140

Toll

Toll

17141

141

leg.

T N

sep

11287-39

17142

142

Toll

11287-40

✓

Toll

22

24
18
20

24

29
24
23

✓

21

26
19

75

72
73

41

39
32

✓

41

31
31

✓

17201

11287-41

201

Leg.

N T

sep.

17202

202

Leg.

T N

sep.

17203

203

Normal

✓

now

17204

204

Tall

✓
Tall

17205

205

Leg.

T N

sep.

17206

206

Normal

✓

now

17207

207

Leg.

N T

sep.

25

21
16

73

66
66
72

35

34
28
31

✓

72

77

74
68
71

22

24
16
16

41

34
28
32

✓

17208

208

Normal

11287-48

normal

17209

209

Normal

normal

17210

210

Leg.

T N

seg

17211

211

Leg.

N T

seg

17212

212

Full

✓
Half

17213

213

Leg.

T N

17214

214

Leg.

N T

11287-54

seg

41

39
35

✓

79

67
67
67

80

72
70

42

41
36

✓

83

73
78

25

27
20
22

35

33
34

✓

17215

215

Normal

11287-55

✓

normal

17216

216

Normal

✓

normal

17217

217

Tall

✓

Tall

17218

218

by.

Tall

17219

219

by.

TN

sq.

Tail Parent?

17220

220

Tall

✓

Tall

17221

221

Tall

✓

Tall

11287-60

64

61

66

72

44

41

33

✓

44

34

28

30

✓

41

29

31

✓

22

19

19

44

✓

17222

11287-61

222

Seq.

T N
seq

17223

223

Seq.

T N

seq

17224

224

Seq.

N T
seq

17225

225

Seq.

N T
seq

17226

226

Normal

✓

normal

17227

227

Seq.

N T

seq

17228

228

Normal

✓

normal

11287-67

40

28

24

26

✓

34

41

31

✓

76

68

71

72

✓

22

29

21

24

67

72

61

75

38

38

30

✓

42

38

28

33

✓

17229

11287-68

229

leg.

T N

seq

17230

230

leg.

T N

seq

17231

231

leg.

N T

seq

17232

232

leg.

N T

seq

17233

233

Tall

✓

Tall

17234

234

leg.

T N

seq

17235

235

Tall

✓

Tall

11287-74

24

25
18

36

33
29

✓

43

35
29
36

✓

69

66
64
75

25

24
19
20

57

42
34

✓

48

19
17

17236

11287-75

236

Leg.

N T

seg

17237

237

Normal

✓

normal

17238

238

Normal

✓

normal

17239

239

Leg.

N T

seg

CP231, Check

17240

240

Normal

normal

17241

11287-79

241

Leg.

N T

seg

242

Normal

✓
normal

17242

22

18
16

42

37
28
34

✓

72

66
64
69

36

30
19
✓

30

36
28
33

✓

22

23
15

17301

11287-81

301

Leg.

N T

sup

17302

302

Normal

✓

normal

17303

303

Leg.

✓

Leg.

17304

304

Leg.

N T

sup

17305

305

Normal

✓

normal

17306

306

Leg.

T N

sup

17307

307

Normal

✓

normal

11287-87

38

42

✓

37

40

37

✓

36

36

20

17

44

41

✓

35

26

21

17

73

63

64

65

76

65

72

71

17308

11287-88

308

Seg.

N T

seg

17309

309

Normal

✓

normal

17310

310

Fall

✓

Fall

17311

311

Fall

Fall

17312

312

Normal

normal

17313

313

Fall

✓

Fall

17314

314

Seg.

11287 94

T N

seg

77

59
75

71

66
73
73

79

76
78

79

23

26
22
21

✓

39

33
37

✓

39

33
36

✓

17315

315

11287-95

leg.

T N

seg

17316

316

Normal

✓

normal

17317

317

Full

✓

Full

17318

318

leg.

T

seg.

17319

319

Normal

11287-99

✓

normal

CP231, Check.

320

Normal

✓

normal

17321

321

Normal

✓

11287-100

normal

74

67

67

73

38

38

33

✓

43

23

20

21

38

34

37

✓

45

32

33

✓

17322

11287-101

322

Fall

Tall

17323

323

by.

T N

17324

324

seq.

17325

325

~~by.~~

N

normal

17326

326

Normal

✓

normal

17327

327

by.

17328

328

seq.

by.

T N

11287-107

seq.

35
-

✓

39

38
36

✓

40

37
36

✓

72

71
77

25

22
22
22

36

33
30

✓

85

65
70
76

17329

329

11287-108

by.

NT

Normal

17330

330

11287-109

Normal

Fall

17331

331

11256-1

Fall

Fall

17332

332

~~Fall~~

by.

T N

sup

17333

333

by.

T N

sup

17334

334

Normal

✓

17335

335

Fall

✓

11256-5

Fall

38

32
33

✓

40

- ✓
- ✓

49

- ✓
- ✓

32

19
20

30

18
18

89

67
73
72

36

19
19

17336

11256-6

336

Tall ✓

Tall ✓

17337

337

Normal ✓

normal

17338

338

Leg. ✓
TN

seg.

17339

11256-9

339

Normal ✓

normal

Tall CP, check

17340

340

Tall ✓

Tall ✓

17341

11256-10

341

Leg. ✓
TN

seg.

17342

11256-11

342

Normal ✓

normal

46

33

32

✓

44

36

35

✓

85

68

75

77

✓

56

31

32

44

35

37

✓

41

37

35

✓

17401

11256-12

401

Normal

✓

normal

17402

402

Normal

normal

17403

403

by.

✓ T

sep

17404

404

by.

T N

sep

17405

405

fall

✓

fall

17406

406

by.

T N

17407

407

Normal

✓

normal

11256-18

31

38
38

✓

89

62
65
70

86

68
72
77

50

39
36

✓

53

-
- ✓

49

41
37

✓

45

31
30

✓

17408

11256-19

408

Leg.

TN

sep

17409

409

Tall

✓

Tall

17410

410

by.

NT

sep

17411

411

by.

NT

sep

17412

412

Tall

Tall

17413

413

Normal

normal

17414

414

Normal

✓

11256-25

normal

56

40

39

✓

32✓

21

21

45

32

33

✓

39

22

22

24

95

-

55

32

31

✓

52✓

21

20

17415

11255-1

415

Seg.

N T

seg

17416

416

Seg.

T N

seg

17417

417

Seg.

T N

seg

17418

418

Seg.

T N

seg

17419

419

Seg.

11255-5

N T

seg

Tall C P, check

17420

420

Tall

✓ Tall

17421

421

Seg.

11255-6

N T

seg

55

39
34

✓

47

42
33

✓

58

43
40

✓

52

44
39

✓

59

42
37

✓

38

48
34

✓

17422

11255-7

422 *Fall*

Fall

17423

423

by.

NT

sup

17424

424

by.

NT

sup

17425

425

by.

NT

sup

17426

426

Normal

normal

17427

427

by.

TN

sup

17428

428

by.

TN

sup

11255-13

87

84
82

55

44
35

✓

38

✓

26
22
25

52

44
34

✓

33

✓

24
21
23

42

✓

24
19
21

37

✓

22
19
21

17429

429

Aug.

11255-14

T N

seq

17430

430

Aug.

N T

seq

17431

431

Normal

✓

normal

17432

432

Tall

✓

Tall

17433

433

Normal

✓

normal

17434

434

Tall

✓

Tall

17435

435

Aug.

11255-20

T N

seq

52

35
32

✓

56

44
42

✓

64

✓

36
30

✓

74

✓

39
33

✓

36

✓

24
21
22

52

34
28
32

✓

85

80
72

17436

436

Long.

11255-21

T N

CP231, check

437

sq

Normal
✓

17437

normal

TALL CP, check

438

Tall

✓
Tall

17438

CP 231, check

439

Normal

✓

norm

17439

440

Normal

✓

norm.

17440"

441

Normal

✓

17441"

442

Normal

✓

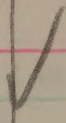
17442"

norm.

Temperature and other data

53

41
35



19

SOWN: JUNE 12

F₂ Populations: Block 36W (S5)

SOWN JUNE 12:

B5617A1, R x F ₁ (R x F ₁ x P ₁ 183,331)	101 P32/1	9/4 Short neg dark green
435	102	9/1 Tall neg light green (neg) weak stem
B5617A2	832/4	
265	103	9/12 Interned, pt & dark green, w erect leaf habit
B5617A3	832/3	
237	104	8/25 Segs tall & interned, purple in leaf margins
B5617A4	832/4	
557-527	105	Tall & interned, much purple in leaf margins
B5617A5	832/5	
335	106	9/8 Segs ht neg, light & dark green + purple character
B5617A7	833/2	
207	107	9/13 Segs neg ht, interned color
B5617A8	833/3	
134		
110		

are 4 Row plots, 9" row spacing.

all plants short ht, sturdy, good
some very short plants, early & midseason
v little shattering

v tall plants, shabby, freely few
interned ht plants, rather late maturity

begin tall and interned ht. Interned
for shattering

Interned to short ht, long heads, v. little
shattering. Some plants low neck shown

Rather tall but sturdy, straw rippled plants
on late maturity, some fairly short ht plants

Few v tall & some short ht plants, most are
quite sturdy, very little shattering, heavy
telling on some plants

Much shattering, heavy telling, green
straw, most plants on late side but much
earlier than Rex, sturdy but rather tall
plants.

Backcross, F₂ Populations:

Rexoro x F₁ (Rexoro x P₁) - 183,331

B5617A11

quadrant

102 9/12

Tall, light internodes color

834/1 no purple

160 1/4

446-172

B5617A14

109 9/12

internodes short seg. covered purple

835/2

160 1/4

477

600

B561A4, A
(B55-8512) x Rexoro
(CP231 Dw)

110 9/11

normals + dwarfs present

804/4

"

B

111 9/14

normals + dwarf present

804/4

B561A2, A
(B55-8512) x Rexoro
(CP231 Dw)

112 9/11

normals + dwarf present

804/2

"

B

113 9/11

normals + dwarf present

804/2

B561A1 A
(B55-8512) x Rexoro
(CP231 Dw)

114 9/11

normals + dwarf present

804/1

Consider ~~shattering~~ legs V tall & short
plants, some plants did not shatter
Rather by tillering.

Few very tall plants but most are
intermediate short but quite sturdy and
many that tiller heavily, very little
shattering.

12
14
8
24

88 normal
19 short
27 intermediates

N	S
88	19
76	28
73	22
63	18
47	28
347	115
115	
4 462	
116	

76 normal
88 shorts
104

49
29
73 normal
27 shorts
1 intermediate (prob a tall or normal)

28
35
63 normals
18 shorts

19
28
47 normal
28 shorts

quarantine 20
 B5617A17, *201* *1st head*
 F₂, Rexoro x *8/25*
 F₁ (Rexoro x P1183,331) *tells present & weak strain*
937/

160 11/14
 F₂ B561A3, *202* *9/1*
 (B55-8512) x Rexoro
 CP231 Dw. *10/29*
804/2
Sand normals

B5617A20 ✓ *203* *9/7*
 F₂, Rexoro x
 F₁ (Rex. x P1183,331) *839/2*
160 11/14

B5617A21 ✓ *666*
204
dark green m bds 9/11
160 11/14

B5617A22 *839/3*
205 *9/4*
346
160 11/14

B5617A23 *839/4*
206 *9/25*
290
218
160 11/14

B5617A26 *839/1*
207 *8/25*
810
160 11/14

839/4
432
364
160 11/14

a new early plant, most plants rather tall, very little chattering

many very tall plants but Rich types present. Many

many very tall plants present but Rev. lot types also present. Few very good Rev. type plants, v. strong strain, & good v. little chatter.

mostly tall plants, consid. chattering, few fairly good looking plants.

Intermed & short plants present, & many are very good types, consid. chattering on some plants.

many v. tall plants present. but some fairly good intermed types present. Both weak strains v. for most part. Earlier than others

many early plants, intermed lot, few short plants, some very tall, some fairly sturdy plants.

B5617A28, ✓ F ₂ , REXORO x F ₁ (Rex. x PI-183,331) 16u 1 1/5	Guatemala 20 208 840/1 401-438 209	9/12			
REXORO					

B5617A31, ✓ F ₂ , REXORO x F ₁ (Rex. x PI-183,331) 16u 1 1/5	210 840/4 531	9/13			
---	---------------------	------	--	--	--

B5617A32 ✓ 16u 1 1/5	211 840/5 425-517 212	8/20			
-------------------------	--------------------------------	------	--	--	--

B5617A33 16u 1 1/5	840/1 267 2142				
-----------------------	----------------------	--	--	--	--

B569A1, F ₂ , (B55-8512) x T. Patna (CP231 D.W.)	213 810/1				
---	--------------	--	--	--	--

B569A2, F ₂ , (B55-8512) x T. Patna (CP231 D.W.)	214 810/1				
---	--------------	--	--	--	--

a late plot but most plants earlier
than early 24 weeks. Intermixed & short but
fairly sturdy stems

some plants matured seed by 11/13/57
most plants set some seed

V tall plants, some shattering, but not
severe, rather sturdy stems for so tall
later than averages

V early plot, V short but, V little shattering,
some plants with rather long tillering
V good plot, One 17 seed

Intermixed to tall plants later than averages
fairly sturdy plants, some plants show
a little shattering

77
56
153 normal
42 shorts
2 intermixed

153 42

88 28

241 70

70

41 311

88 normals

28 shorts

2 intermixed

2 not classified ?

78

B5617A34, ✓ F ₂ , Rexoro x F ₁ (Rex. x PI-183,331) Hw 11/15	301 841/2 251	9/10
B5617A36, ✓ Hw 11/15	302 841/4 398-328	8/25
B5617A37, ✓ Hw 11/15	303 842/1 333-553	9/1
B5617A39 ✓ Hw 11/15	304 842/3 673	8/25 Tail neg. & good type.
B5617A40 ✓ Hw 11/15	305 842/4 348-477	9/4
B5617A41 ✓ Hw 11/15	306 842/5 706	9/1
B5617A42 ✓ Hw 11/15	307 843/1 436	8/10 Tail neg. & good type

v short plants, very early rather low
telling good, v little shattering

Cross back to Rex

v short plants, v early rather low telling
good, some shattering on a few plants

Cross back to Rex

sepr. tells short ht., some shattering
fair straw for sturdiness

v tall & short of plants fairly sturdy,
consider shattering

Short ht, sturdy plants, later than most
v good plants, green leaves

Cross back to Rex

Tall to medium ht. some weak
strawed plants, few fairly good plants
for ht & straw type.

v tall, shattering badly

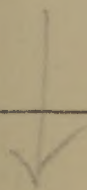
B5617A43, F ₂ , Rexoto x F ₁ (Rex. x PI-183,331) 16 11/15	308 843/2	8/10
B5617A44, 16 11/15	309 844/1	630-765 9/10
PI-183,331 Parent	310 122	8/15 Proh of I parent, tall, very narrow leaves, light green
B5617A46, F ₂ , Rexoto x F ₁ (Rex. x PI-183,331) 16 11/15	311 845/2	9/9
B5617A47, 16 11/15	312 845/3	9/1
B5617A48, 16 11/15	313 845/4	387-869 9/12
B5617A50 16 11/15	314 871/1	8/15 not a cross
very little seed	335	

an outstanding plot.

Best to cross back to Rex v steady
strong short lit, green leaves, interned
mat.

interned to tall, long teller, green
leaves fairly sturdy plants

tall & interned lit, consid shattering
long teller type present, fair only.



v good plot, one of very best
much like. A 43. v good to
cross back to Rex. Interned mat.

+ all much shattering
few good plants present.

prob CI 9/22 v early.

1957
URN

UNITED STATES
DEPARTMENT OF AGRICULTURE

FIELD NOTES

AGRICULTURAL RESEARCH ADMINISTRATION
BUREAU OF PLANT INDUSTRY, SOILS, AND
AGRICULTURAL ENGINEERING
DIVISION OF COTTON AND OTHER FIBER CROPS
AND DISEASES

If this notebook is lost will finder please mail to:

U. S. DEPARTMENT OF AGRICULTURE

Bureau of Plant Industry, Soils, and
Agricultural Engineering,

Division of Cotton and Other Fiber Crops
and Diseases

Washington 25, D. C.

16-61780-1

SUGGESTIONS CONCERNING FIELD DATA AND NOTES

DIVISION OF COTTON AND OTHER FIBER CROPS AND DISEASES

It is suggested that the following general information be recorded for each field experiment:

1. Name of experiment or study.
2. Soil type.
3. Previous crops and fertilizers (2 years).
4. Preparation of land: (a) Methods (b) Dates
5. Size of plot:
 - (a) Area in square feet
 - (b) Number of rows
 - (c) Length of rows
 - (d) Width of rows
6. Fertilizer:
 - (a) Pounds per acre
 - (b) Analysis (N-P-K)
 - (c) Time of application
 - (d) Method of application
 - (e) Side dressings
7. Planting: (a) Date (b) Rate (c) Method
8. Thinning: (a) Date (b) Method (c) Approximate optimum spacing attempted
9. Cultivation: (a) Implements used (b) Dates
10. Dates at which all notes and samples are taken.
11. Dates of pickings.

The following suggestions are made in regard to recording data:

1. Record all dates as figures, giving the month and day of month, as 5/16 (May 16).
2. Record all field weights in pounds and decimal fractions of pounds. The requisite accuracy depends somewhat on the size of sample, but for ordinary size plots 0.1 pound is usually satisfactory. It is suggested that small samples be weighed more accurately (0.01 pound).
3. Estimations, such as seeding vigor, shedding, color, etc., may be recorded either numerically or with letter designations, as is found convenient; for example (seeding vigor), 1=Excellent, 2=Good, 3=Medium, 4=Fair, and 5=Poor; or E=Excellent, G=Good, M=Medium, F=Fair, and P=Poor. An explanation of legends should be recorded for each variable and experiment.
4. Diseases and insect pests.
 - (a) GENERAL.—Attack by diseases or insect pests should be recorded by suitable legends to indicate type of disease or pest, percent of plants killed or affected, and in serious attacks, estimating crop loss. For example, FW *5/35-7. (Footnote* Fusarium wilt 5 percent plants killed, 35 percent affected, 7 percent loss estimated).
 - (b) SPECIAL.—Where the book is used for taking notes on regional field tests on disease resistance, treatments, etc., it is suggested that directions which are furnished for taking uniform data be pasted, or copied, in the front of the book.
5. Diagram, to scale, the block on which each experiment is conducted, showing visible soil differences, variable plant response attributable to soil differences, drainage, or unequal irrigation, slope of land or contours, and any other features which may materially assist in interpreting the results. The square ruled paper in the front of the book may be found useful for this purpose.
6. Explain clearly all legends used.
7. Identify all experiments as to location on blocks and YEAR.

For types of experiments for which this book does not provide ample page space, larger sheets should be utilized. In taking data, which are to be reported in this book, or on larger sheets especially provided, the field or laboratory determination should be written directly at the time of weighing or otherwise determining, and submitted to Washington, or filed as the permanent record. Avoid all possible transcribing or typing of raw data.

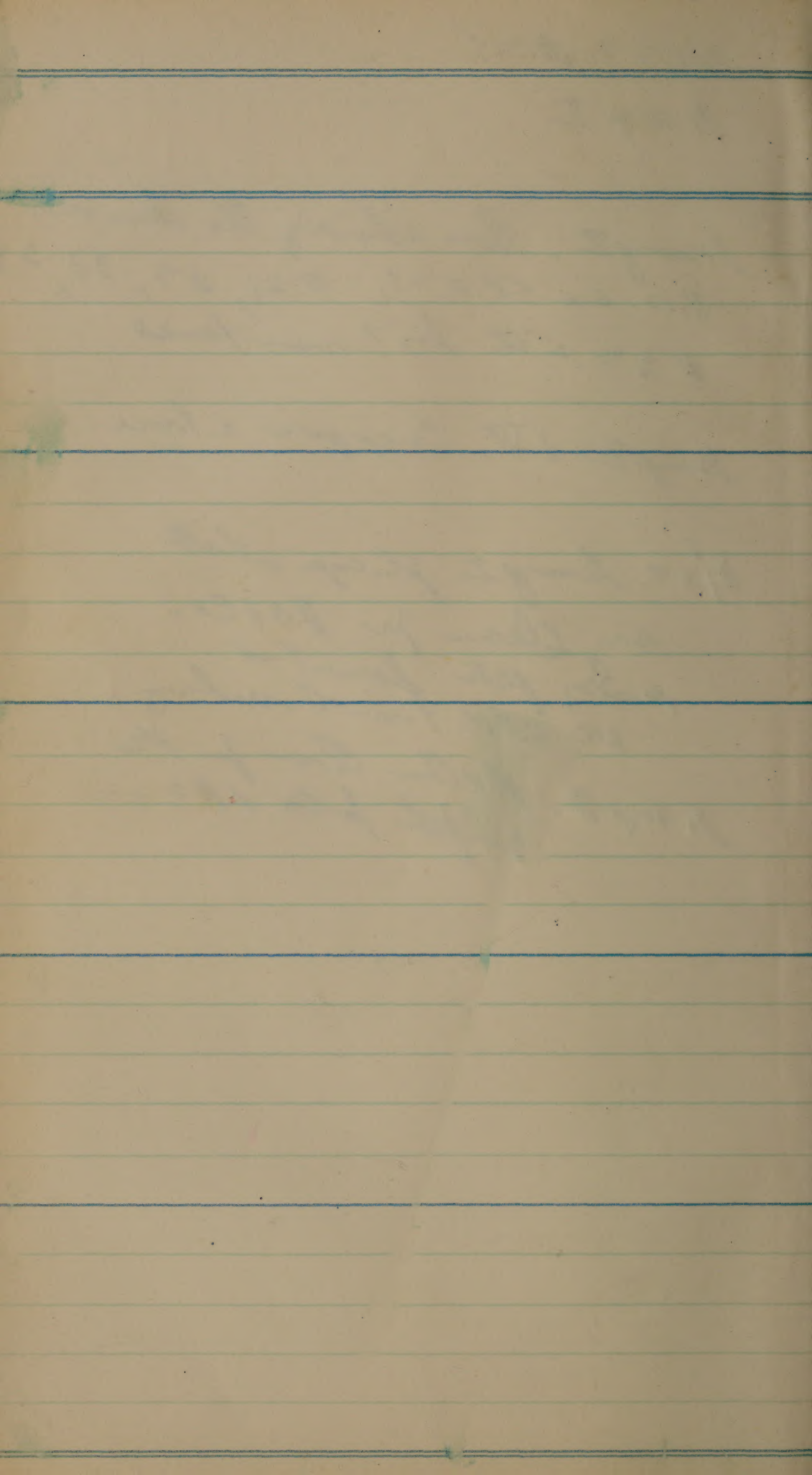
8/28/57. Cont.

Group I

Group II. Those showing the least
H.O. are CP. 231, #21, 27, 33, 34.
#33 with best resistance.

Group III & IV. Cercopora a trace.

8/29. Group I piece still
very clean for W & Co..
mostly plate formatted.
NO additional reading.
Group II. Rather clean for the
highest for Co & H.O.



[illegible]

U. R. N. Group I

			<u>Beaumont</u>		
			7/26	8/8/57	
			W.T.	H.O.	H.O.
1. Colusa	101	0	MS-t ₂	MS-1	
C.I. 1600	208	0	MS-t ₂	MS-1	
7/26 spawning level H.O.	312	0	MS t ₂	MS-1	
of brood I	407	0	MS t ₂	MS-1	
2. Cady	102	0	S-1	S-1	
C.I. 8642	214	0	S-1	S-2	
	307	0	S t ₂	S-1 ₂	
	409	0	S t ₂	S-1	
3. Early Purlife	103	0	MS-t ₂	MS-1	
	201	0	MS t ₂	MS-1	
	308	0	MS t ₂	MS-1	
	411	0	MS t ₂	MS-1	
4. Stg. 56 1411	104	0	MS-t ₂	S-1	
CI 8994 x Caloro	211	0	MS t ₂	S-1	
	304	0	MS t ₂	S-1	
	406	0	MS t ₂	S-1	
5. Magnolia	105	0	MS t ₂	MS-1	
	205	0	MS t ₂	MS-1	
C.I. 8318	303	0	MS t ₂	MS-1	
	401	0	MS t ₂	MS-1	

Post
Honest

8/27	Cowley	Sta/Boat
co,	Rec 7/30	10/1/57
	Blk H.O. C.O.	C.O. H.O.
str	tr MS-tr 0	str tr
	tr MS-tr 0	
	tr MS-tr	str S-1
	tr S-tr	
	0 MS-tr	str S-2
	0 MS-tr 0	
	tr MS-tr 0	S-tr S-1
	0 MS-tr 0	
	0 MS-tr	tr S-tr S-1
	0 MS-tr	tr

Beaumont.
 7/26 8/8
 W.T. H.O. N.O. P.O.

6. Zenith	106	0	str	S-1
CI 7787	213	0	str	S-1
	302	0	str	S-1
	414	0	str	S-1
7. CI 8994 x Cody	107	0	MS-tr	S-1
CI 9210-24	206	0	MS-tr	S-1
	306	0	MS-tr	S-1
	402	0	MS-tr	S-1
				Mod. Night
8. 46C 700	108	0	S-1	S1-2
Lacuse x Z	209	0	S-1	S1-2
CI 9355	310	0	S-tr	S1-2
	412	0	S-tr	S1-2
9. Nato	109	0	MS-tr	MS-1 S-tr
CI 8998	207	0	MS-tr	MS-1
	301	0	MS-tr	MS-1
	410	0	MS-tr	MS-1
10. 44C 516	110	0	MS-tr	S-1
Lac x Mag.	210	0	S-tr	S-1
CI 9001	311	0	MS-tr	S-1
	409	0	MS-tr	S-1

plots of 4110 rather light

Yields probably lower than some others

Crowley
Hear 7/38
Bright H O

C.O.

St. Heat.
No. 25
10/11/57

0 MS-tr S-tr

S-tr 3-1

0 MS-tr S-tr

tr + MS-tr

1 MS-tr

1 S-tr

S-1 S-1

0 S-tr 0

0 MS-tr

S-1 tr

MS-tr

0 MS-tr -

S-3 S-tr

tr MS-tr -

Beaumont.
 7/26 8/8
 W.T. H.O. No

11. 48C 895	111	0 S-t ₂ S-1
4II-1-8X 252	203	0 MS t ₂ S-1
CI 9356	309	0 MS t ₂ S-1
	405	0 MS t ₂ S-1
12. Stg. 533533	112	0 S-t ₂ S-1
CI 8994X 5426A	202	0 MS t ₂ S-1
CI 9357	313	0 MS t ₂ S-1
	408	0 MS t ₂ S-1 light hood flight
13. B54-7871	113	0 MS t ₂ MS-1
CP Rogue	212	0 MS t ₂ MS-1
	314	0 MS t ₂ MS-1
	403	0 MS t ₂ MS-1
14. Stg. 533529	114	0 MS-1 S-1
CI 8994X 5426A	204	0 MS t ₂ S-1
CI 9358	305	0 MS t ₂ S-1
	413	0 MS t ₂ S-1 light hood flight

15. ~~Sacros~~

8/9/57 - Bmt. EP.
 Column & #13 showing
 bent H.O.

Crabby
 3/30
 Head
 Shift N.O. e.o.

Stu Hsat
 70/1/57
 140 co.

tu ms tu
 0 0 0 0

S-1 ms-tu

1 ms-tu 0

S1-2 0

2 ms-tu tu

ms-tu

S1-2 ms-tu

ms-tu

1 ms-tu

S1-2 -

0 ms-tu 0

tu s-tu

tu s-tu

Blaumont.

7/26 8/8 8/2
W.T. H.O. H.O. H.O.

21. 49C 999, 115 0 MS-t₂ MS-1 S-1
 4II-1-8X R₄-252 216 0 MS-t₂ MS-1 S-1
 (16) 335 0 MS-t₂ MS-1 S-1
 428 0 ✓ MS-1 S-1

22. Stg. 521 302 116 0 S-1 S-1-2 S-2
 (B) R-7689x 219 0 S-t₂ S-1 S-2
 (7P x R-SBR) 325 0 S-t₂ S-1 S-1
 CI 9186 420 0 ✓ S-1 S-1

23. Century Pattern 231 117 0 MS-t₂ MS-1 MS-1
 (1) 218 0 MS-t₂ MS-1 MS-1
 CI 8993 323 0 ✓ MS-1 MS-1
 423 0 ✓ MS-1 MS-1

24 B502 A2-113-B3 118 0 MS-t₂ S-1 S-1
 (2) B4X CP 231 223 0 MS-t₂ S-1 S-1
 V₁₂ Qu₁₂ in 319 0 MS-t₂ S-1 S-1
 8/29 424 0 ✓ S-1 S-1

25 R₄ x R 119 0 S-t₂ S-1 S-1-2
 (7) 227 0 S-1 S-1 S-1
 PI 8644 324 0 S-t₂ S-1 S-1
 422 0 S-t₂ S-1 S-1

8/29 Co. O	Crawley 7/30 H.O. C.V.	Sta/Hggt 10/1/57 No. 00.
S-tr MS-tr MS-tr MS-tr	MS-tr MS-tr	S-23 -
S-1 S-1 S-1 S-1	S-tr S-tr	S-2 -
MS-2 MS-1 MS-1 MS-1	MS-tr ✓	S-2 S-tr
MS-1 MS-1 for MS MS-1 for MS MS-tr	S-tr MS-tr	S-2
S-1 S-tr S-tr S-tr	S-tr S-tr	S-1

Beaumont.

7/26 8/8 8/24
W.T. H.O. H.O. HO

26.	48C 916	120	0	MS-t ₂	S-1	S-2
	4II-1-8 XTP49	217	0	MS t ₂	S-1	S-2
(11)		327	0	MS t ₂	S-1	S-1-2
	CI 9360	418	0	✓	S-1	S-1
27.	48C 924	121	0	MS-t ₂	MS-1	MS-1
	Century X Rep	215	0	MS t ₂	MS-1	MS-1
(16)		328	0	MS t ₂	MS-t ₂	MS-1
		421	0	✓	MS-t ₂	MS-1
28.	SP-16-2	122	0	MS t ₂	S-1	S-1
	TPX R-SBR	220	0	MS t ₂	S-1	S-1
(9)		318	0	MS t ₂	S-1	S-1
		427	0	✓	S-1	S-1
29.	Stg. 511887	123	0	MS-t ₂	S-1	S-1
	Hill Sel X BHT.	226	0	MS-t ₂	S-1-2	S-1
(14)		317	0	MS t ₂	S-1-2	S-1
	CI 9362	425	0	✓	S-1	S-1
30.	B517 A2-65-2	124	0	S-t ₂	S-1	S-1
	CP231XB4510A	221	0	S-t ₂	S-1-2	S-1
(12)		316	0	S-t ₂	S-1	S-1
		426	0	S t ₂	S-1-2	S-1

Co.	<i>convy.</i> $\frac{7}{30}$ A.O.	Sta Hg 10/1/57 No. 20
S-1	MS-tr	S1-2
S-tr	MS-tr	
S-tr		
MS-tr		
S-1	MS-tr	S1-2
S/MS-1	MS-tr	
S-1-2		
S-tr		
MS-1 tr A.S.	MS-tr	S-2
MS-tr	MS-tr	
MS-1		
MS-tr		
MR-1	MS-tr tr S-2	
S-1	MS-tr	
S-1		
S-1	<i>Have/ed</i> $\frac{7}{30}$	
MR-1	S-tr	S-2
MR-1	S-tr	
MR-1		
MR-1	<i>Have/ed</i> $\frac{7}{30}$	

Beaumont. 8/29

7/26	8/8	8/29
W.T.	H.O.	H.O.

31.	C52-6040	125	0	sta	S-1-2	—
(4)	R-RX Unknown	224	0	S-tu	S1-2	—
		320	0	S-tu	S1-2	—
		416	0	S-tu	S1-2	—
32.	B5223A5-4-2	126	0	MS tu	S-1	S-1
(3)	CI 9/22 X B.H. 50.	222	0	MS tu	S-1-2	S-1
		321	0	MS-tu	S-1	S-1
		415	0	✓	S-1	S-2
33.	B505A1-66-1-2,	127	0	^{MR} MS-tu	MS-MR-tu	MR-1
(15)	CP231 X H012	225	0	✓	✓	MR-1
	Very Clean	322	0	✓	✓	MR-1
	on 8/29.	419	0	MR-tu	✓	MR-1
34.	Stg. 521 305	128	0	MS-tu	MS-tu	MS-1
(8)	R-7689 X (TP X R-SBR)	228	0	MS-tu	MS-tu	MS-1
	CI 9/87.	324	0	✓	MS-tu	MS-1
	This may be MR to 10.	417	0	✓	MS-1	MS-1
	Very Clean on 8/29					
35	Hull Sel X					
(5)	(TP X R-SBR)					
36	Ref X-Body mat.					
(6)						

CO.	Candy. 7/30 H.O. CO	Stall. 19/1/57 H.O. CO
—	MS-tr	—
—	MS-tr	
—		
—		
	Hunted 7/30	
S-1	MS-tr tr	S-2 S-tr
S-1	S-tr	
S-1		
S-1		
	Hunted 7/30	
MS/AR-1	0 0	MS-tr MS-tr
MS-tr	0 0	
MR-1		
MS-tr tr X.S.		
MS/AR-1	S-tr	S-1 —
MS-1	S-tr	
MS-1		
MS-1		
	MS-tr	
	MS-tr	
	S-tr	

Baumont.

8/9		8/29	
W.T.	H.O.	H.O.	C.O.

41. Stg. 535496 Bl. Sel.	129		S-1-2	S-1	MS-1
	233		S-1	S-1	S-1
	333	tr MS	S-1	S-1	MS-1
	437		S-1	S-1	MS-tr
42. Santonnet CI 8989	130		MS-1	S-2	MS-tr
	230	tr MS	S-1	S-1	S-tr
	331	tr MS	S-1	S-1-2	S-tr
	432		MS-1	S-1	S-tr
43. B5233A1-56-4 CI 9278XTP	131	tr MS	S-1	S-1	MS-1
	231	tr MS	S-1	S-1	MS-tr
	340		S-1	S-1	MS-tr
	440		S-1	S-1	MS-1
44. Bluebonnet 50 CI 8990	132		S-1	S-2	S-1
	237		S-1	S-1-2	S-tr
	334		S-1	S-1-2	S-1
	435		S-1	S-1	S-1
45. Imp. Bluebonnet CI 8992	133		S-1	S-1	MS-tr
	234		S-1	S-1	MS-tr
	339		S-1	S-1	MS-tr
	436		S-1	S-1	MS-tr

Coulby

7/30

H.O.

MS-tr

✓

S14/Hyat

10/1/57

H.O. Cio

S-2.3^{MS}-tr

MS-tr

✓

S2-3

MS-tr

✓

S-2 MS-tr

MS-tr

S-tr

S-2 S-tr

S-tr

S-tr

S-2

Beaumont.

8/9 8/29
W.T. H.O. No Co

46. Fatana	134		S-1	S-1	S-1
	238		S-1	S-1	S-tv
CI 1344	338		S-1	S-1	stv
	429		S-1	S-2	S-1
47. Toro	135		S-1	S-1	S-1
	240		S-1	S-1	S-tv
CI 9013	337		S-1	S-1	stv
	441		S-1	S-1	S-1
48. B46-4797-5-4	136		S-1	S-1	MS tv
Rogue	236		S-tv	S-1	S-tv
CI. 9214	329		S-tv	S-1	stv
	438		S-tv	S-1	stv
49. B502A2-60-1-2	137	8/29	S-1	S-1	S-1
B64.X CP231	232	tv K ² .	S tv	S-1	S tv
FF	330		S tv	S-1	S-1
	430	tv MS	S-1	S-1	S-tv
50. Stg. 536 2 26	138		S-1	S-1	MS-1
grp. B64.X	229		S-1	S-1	stv
Hill Lang bn.	335		S-1	S-1	MS-tv
CI 9365	431		S-1	S-1	MS-tv

Conley
7/30
H.O.
MS-12

Stu 1/50
10/1
HO CD

S2-3

✓

MS-12

S-1-2

✓

MS-12

S-2

✓

D
S-12

S2-3

hooked 50 and

MS-12
MS-12

S-12

				Beaumont		
				8/9	8/29	
				W.T.	H.O.	to
51.	Stg. 534 889	139		S-1	S-1	MS-1
	comp. Bbt. X	241		S-1	S-1	MS-tr
	Hill Song Br.	336		S-tr	S-1	MS-tr
		439		S-tr	S-1	MS-tr
52.	49C 965	140		S-1	S-1	MS-1
	(JP dfg x unknown)	235		S-1	S-1	MS-tr
	X Sala	332	tr MS	S-1	S-1	MS-1
		433		S-1	S-1	MS-tr
53.	B502A2-96-1-1	141	tr MS	S-1	S-1	S-1
	Bbt. X CP 231	239		S-tr	S-1	S-1
		341	tr MS	S-1	S-1	S-1
		442	tr MS	S-tr	S-1	S-1
54.	46 C 742	142	tr MS	S-1	S-1	MS-1
	7/8 Reg - 3/2 x Bbt.	242		S-1	S-1	MS-1
	CI 9366	342	tr MS	S-1	S-1	MS-1
		434	tr MS	S-1	S-1	MS-1
55	4H-8-14X B.M.					

Covly

7/30

H.O.

S-tr

S-tr

3/21/57

10/1/57

NO CO.

S-2

S-tr

MS-tr

S-2 MS-1

8/30
Dashed in
all place.

MS-tr

✓

S-2 MS-1

Paper loose
dyt 2 lbs
browning

MS-tr

MS-tr

S-2

MS-tr

✓

			<u>Beaumont.</u>		<u>9/4</u>
			<u>7/4</u>	<u>8/9</u>	
			W.T.	H.O.	No Co.
61. Caloro	143		MS	tn	S-1 R-O
	251		MStn	S-1	R-tn
CI 1561-1	346		MStn	S-1	R-O
	454		✓		
62. Calrose	144		MS	tn	S-1 R-O
	243		MS-tn	S-1	R-O
CI 8988	344		MStn	S-1	MS-tn
	443		✓		
63. P.I. 160,799	145		S-2	S-2	R-O
China	249		S-2	S-2	R-tn
	343		S1-2	S-2	R-O
	451		✓		
64. Arrose	146		S-1	S-1	R-O
	254	tn	MS-1	S-1	MS-tn
CI 8310	350		S-tn	S-1	MStn
	448		✓		
65. Stg. 532 526	147		S-tn	S-1	MS-1
Rexar X Aschi	247		✓	S-1	MS-tn
CI 9367	355	tn?	✓	S-1	MS-tn
	452		✓		

NB.	Crawley 7/30 H.O.	S/ta H. 10/1/57 H.O. co.
	S-tu	S-1
tu	S-tu	
	MS-tu	S-1 S-tu
	MS-tu	
	VS-3-4	S-2-3
	VS 3-4	
	MS-tu	S-1-2
	MS-tu	
	MS-tu	S-1
	MS-tu	

				<u>Beaumont</u>			
				7/26	8/9	9/4	
				W.T.	H.O.	Ro	CO
66.	Hgb. Mex. 11-49-19-5	148			S-t	S-t ₂	R-O
	E. Sh. Br. Bulb.	245			S-t ₂	S-1	R-O
	CI 9368	348			S-t ₂	S-1	R-O
		450			✓		
67.	Stg. 557 564	149	tn	S-1	S-1	S-t ₂	
	CI 8994 x Paloo	246		S-1	S-1	R-O	
		356		S-1	S-1	S-t ₂	
		449		✓			
				also unusual leg with phyllid?			
68.	Stg. 532 520	150		MS-t	S-1	S-t ₂	
	Rx or Rx Aschi	252		✓	S-1	MS-t ₂	
		347		✓	S-1	MS-t ₂	
		455		✓			
69.	Imp. Blue Rose	151	tn	MS-1	MS-1	S-t ₂	
		253	tn	S-1	MS-1	MS-t ₂	
	CI 2128	351	tn	MS-t ₂	MS-1	MS-t ₂	
		453	tn	✓			
70.	Stg. 534 511	152		MS-1	MS-1	S-1-2	
	Rx or Rx Out.	248		MS-1	MS-1	S-1	
		353		MS-1	MS-1	S-1	
		445		✓			

HOB

Cwmbly

HOB
7/30

S. H. H.

12/1/57
HOB CO

S-tr

S-tr

S-tr

MS-tr

MS-tr

MS-tr

S-tr

S-1

tr S.

MS-tr

S-tr

S-1

S-tr

MS-tr

S-1

S-tr

MS-tr

Beaumont.

8/9 9/4
W.T. H.O. Ho Co

71.	54 C 4/21	153	MS-1	MS-1	MS-tr
	grp. Blue River Sel.	250	MS-tr	MS-1	R-tr
	CI 9/78	354	MS-tr	MS-1	MS-tr
		444	✓		

72.	Aschi	154	S1-2	S1-2	R-tr
	CI 83/2	255	S1-2	S-2-3	R-tr
		349	S-1	S1-2	R-tr
		446	S-1		

73.	B 44- 508	155	S1-2	S-1	S-1
	Caloro x Rep.	244	S1	S-1	MS-tr
	CI 9/16	345	S-1	S-1	S-tr
		436	S-1		

74.	Stg. 5/2252	156	S-1	S-1	MR-tr
	Arhuac Sel.	256	S-1	S-1	✓
	CI 9/98	352	S-1	S-1	✓
		447	S-1		

75. CI 8994, Caloro

Sacrose

NO.	Crosby 7/30 NO.	Sta. H. 10/1/57 NO. Co.
	MS-tr ✓	S-1
1	S-1	S-2-3
	S-1	
	MS-tr	S-1-2
	MS-tr	
	MS-tr ✓	S-1-2
	MS-tr	S-1-4
	S-tr	
		S-3

U. R. N. Group V.

Crawley
10/3/57
H.O. C.W.

81.	C 4060	157	S-t ₂	MS-t ₂
	15/16 Reforo	259	S-t ₂	S-t ₂
	CI 9095	358	S-t ₂	MS-t ₂
		468	S-t ₂	MS-t ₂
82.	TP 49	158	S-1	MS-1
	CI 8991	263	S-t ₂	MS-t ₂
		360	S-1	MS-t ₂
		459	S-t	MS-t ₂
83.	Reforo	159	S-t ₂	S-2
	CI 1779	266	S-t ₂	S-1
		368	S-t ₂	S-1-2
		465	S-t ₂	S-1-2
84.	55C 419	160	S-t ₂	MR-t ₂
	15/16 Reforo	261	S-t ₂	MR-t ₂
	CI 9370	366	S-t ₂	MR-t ₂
		462	S-t ₂	MS-t ₂
85.	45C 551	161		
	R-Pat 1 x 7/8 Ry	257		
		364		
		469		

Bnd.

10/11/57

HO C.O. K.S.

S-2 MS-2 tr

S-1 MS-1 tr

S-1 MS-1

S-1 MS-2 tr

S-1 MS-2

S-2 MS-2

S-1 S-2

S-1 S-3

S-1 S-3

S-2 MS-1

S-1 MS-2

S-1 MS-2

S-2 S-2

S-1 S-2

S-1 S-2

90/3/57
HO LO

86. B4527 A1-11	162	S-1	MS-1
TP 49 x Rey.	269	S-1	MS-1
CI 9120	362	S-1	MS-1
	460	S-1	MS-1

87. C3-72-3	163	S-1	S-2
Rey x Del.	264	S-1	S-2
CI 9217	369	S-1	S-2
	457	S-1	S-2

88. Texas Petna	164	S-1	S-1
	265	S-1	S-1
CI 8321	370	S-1	S-1
	458	not T.P.	not T.P.

89. B4527 A1-20	165	S-1	S-1
TP 49 x Rey.	258	S-1	S-1
CI 9133	361	MS-1	S-1
	470		

90. Rayon x Delitua	166	S-1	S-2
	260	S-1	S-2
CI 8643	365	S-1	S-2
	461	S-1	S-2

Pmt.

10/11/57

NO CO KS.

S-1 MS-1

S-1 MS-1

S-2 MS-1

S-1 S-3

S-1 S-4

S-1 S-3

S-1 S-3

S-1 S-4

S-1 S-4 tr

S-1 S-1

S-1 S-1

S-1 S-1

S-2 S-3

S-2 S-3

S-2 S-3

10/3/57
HO Co.

91.	B52-3552	167	S-1	S-2
	Texas Petal. Sol.	270	S-tr	S-3
	CI 9215	363	S-tr	S-1-2
		463	S-tr	S-2
92.	45C 554	168		
	R-Puff x G.	268		
		359		
		466		
93.	53C 4120	169	S-tr	MS-tr
	C3-12 x 7P49	467	S-tr	MS-tr
	CI 9179	357	S-tr	MS-1
		464	S-tr	MS-tr
94.	55C 415	170	S-tr	R-0
	Ntp. Rague	262	S-tr	R-tr
	CI 9371	367	S-tr	MS-tr
		267	S-tr	MS-tr
95				
96				
97	7/8 x R-D		S-1	S-2
98	7/8 x 7P49		S-tr	S-1-2
99	7/8 R4 3-12		S-tr	MS-tr

Bent
10/11/57
No co. KS

S-1 S-4

S-1 S-3

S-1 S-2

S-tr MR-1

S-tr MR-1

S-tr MR-1

S-1 MS-2

S-1 MS-1

S-1 B-2

S-1 S-2

S-1 S-2

S-1 S-2

39 Beaumont Replicated Field Plots

7/26 8/9
W.T. H.O. No. (H.O.)

401.	NATO	101	0	MS-t _n	MS-1
		204	0	✓	MS-1
	CI 8998	340	0	✓	
		441	0	✓	

402.	E. P.	102	0	MS-t _n	MS-1
		207	0	MS-t _n	MS-1
	CI 5883	337	0	✓	
		439	0	✓	

403	B4512 B1-20	103	0	MS-t _n	MS-1
		201	0	✓	MS-1
		336	0	MS-t _n	
		440	0	MS-t _n	

	Calusa	104	0	MS-t _n	MS-1
404		205	0	✓	S-1
	CI 1600	342	0	✓	
		442	0	✓	

	Zenith	105	0	S-t _n	S-1 ²
405		202	0	S-t _n	S-1
	CI 7787	339	0	S-t _n	
		436	0	S-t _n	

9/3/57

N.b. NB Co. Homet.

MS-1 - S-1 ✓

MS-1 - S-1 ✓

MS-1 - P.O. ✓

MS-1 - P-Tu ✓

S-1 MS-1 ✓

7/26 8/9
wt. H.O. H.O. H.O.

BS3-8803 106 0 MS-t_n MS-1 1-2
406 206 0 ✓ MS-1 2
Sm. 2 sm. th 341 0 ✓

437 0 ✓
Head flight modest.

Stg. 533529 107 0 MS-t_n MS-1 4
407 203 0 ✓ ✓ 5
CI 8994 X 338 0 ✓
S426A 438 0 ✓
CI 9358 Head flight rather heavy

PI 162314 108 0 MS-t_n MS-1 1
408 Korea 356 0 ✓ MS-1 1

4625 A1-1-14-3 211 0 MS-t_n MS-t_n
409 455 0 ✓ MS-1

BS17A2-³⁹⁻¹~~42-3~~ 109 0 S-1 S 2
410 210 0 S t_n S-1
CP231 X 350 0 S-1 S-1-2
B4510 A~~777~~ 454 0 S-1 S-2

CO

9/3/57

HO CO. NB Hunt

MR-1 MS-1 - ✓

MS-1 R-1 - ✓

MS-1 R-1 - ✓

B-1

tr. H.S. S-1 S-2 - ✓

S-1

S-1

S-1

			7/26	8/9	
			W.F.	N.O.	N.B.
411	B517A2-45-3	110	0	MR-tu	MR-1
	CP231X	212	0	MS-tu	MR-1
	B4510A1-77	355	0	MS-tu	MS-1
110	Very clear for 11/6	451	0	✓	MR-1
	7/26	8/9 12m	Clear.	Brown	Boat type
	B517A2-5-2	111	0	MS-tu	MS-1
412		209	0	MS-tu	MS-1
	CP231X	354	0	S-tu	S-1
	B4510A1-77	456	0	S-tu	S-1
	B5117A1-47-3	112	0	MS-tu	MS-1
413	CP231X	352	0	MS-tu	S-1
	B4512A1-32				
	B4512A1-32	213	0	MS-tu	MS-1
414	Hill Selx	452	0	✓	S-1
	B.H.				
	CI 9/22				
		to R.S. in 213			
	B4513A1-25-1-2-2	113	0	MS-tu	MS-1
415	Hill Selx	214	0	✓	MS-tu
	B.H.	351	0	✓	MS-1
		453	0	✓	MS-1
113	214				
	Very clear for 11/6				
	7/26				
		to R.S. (214)			

9/3

C.O. NO CO. HB Hand

S-tr tr. M.S. - MS-2 ✓

tr. R.S.

S-1

MS-1

MS-tr tr. M.S. - MS-1 ✓

✓ tr. M.S.

S-1

MS-1

MS-1

MS-tr

- - - all over tr.

MS-tr

S-1

tr. M.S. MS-1 MS-1 ✓

tr. M.S.

S-tr

S-tr

			7/26	8/9	
			Wt.	H.O.	N.O. NB
	405 A1-1-3-1-1-6	114	0	MS-t ₂	MS-1
416		208	0	MS-t ₂	MS-1
		353	0	S-t ₂	S-1
	A+B.	450	0	MS-t ₂	MS-1
	8/9. Rather clean			green bog type	
	Century Plate 231	115	Wt.	N.O.	6
417		220		S-1	MS-t ₂
	CI 8993	332		S	
		434			
	B502 A2-113-B3				
	B55-5665	116		S-1	
418	Blt. XCP231	219		S-1	MS-t ₂
		329			
	9/2/57	430			
	Geot				
	green type				
	matine				
	B502 A2-96-1-1	117		S-t ₂	
419		218		S-t ₂	MR-t ₂
	Blt. XCP231	335			
		431			
	B517 A4-80-2	118		S-1	
420	CP231X	221		MS-1	MS-1
	B4510A	331			
		435			

9/3/59

C.O.

Ho. Co. HB Hunt.

MS-1

MS-2

✓

MS-1

MS-1

MS-1 S-1

✓

all were hunted.

✓

✓

✓

S-1 S-1

✓

S-1 S-1

S-1 S-1

MS-1

all were hunted

(MS-1)

all were hunted.

✓

✓

✓

MS-1-12

✓

MS-1

MS-1 S-1

✓

MS-1 S-1

8/9
wt. H.O. Co

	B5117A1-14-2	119	MS-1
421.	CP231x	215	MS-1 MS-tr
	CI 9/22	334	
		433	

	B5117A2-28-3	120	MS-1
422	CP231x	216	MS-1 MS-tr
	CI 9/22	330	
		429	

	B502 A2-44-1-1	121	MS-tr MS-1
423		217	MS-tr MS-tr
	BLT x CP231	333	
		432	

	B502 A2-113-9	122
424		222
	BLT x CP231	320
		416

lower, lower
read 9/3
all ppts

	B502 A2-60-1-2	123	9/3 lower lower down.
425		225	
	BLT x CP231	318	
		419	

9/3/57

No Co. AB. Howard KS

MS-1 MS-2 ✓

MS-1 S-1-2 ✓

MS-1 S-1-2 ✓

MS-1 MS-1 ✓

MS-1 S-2 ✓

MS-1 S-1 ✓

MS-1 ✓

MS-1 S-1-2 ✓

MS-1 S-1-2 ✓

MS-1 MS-1-2

MS-1 MS-2

MS-1 S-1-2 ✓

MS-1 S-1

S-1 MS-2 ✓

S-1 MS-1

S-1 S-1-2

S-1 S-1-2

			9/3		
			No	Co.	HB KS ₁
	Imp. B.H.	124	S-2	MS-1	
426		226	S-1	MS-1	
	CI 8992	316	S-1	MS-1	
		418	S-1	MS-1	
		125	S-1	MS-1	
	B45/3 A2-12-2-2-3		S-1	MS-1	
427		223	S-1	MS-1	
	Hill Sel x B.H.	317	S-1	MS-1	tr
V. J. Owen	CI 9227	415	S-1	MS-1	
	Toro	126	S-1	S-1	
428		227	S-1	S-1	
	CI 9013	319	S-1	S-1	
		417	S-1	S-1	
	Bluebonnet + 50	127	S-2	S-1-2	
429		224	S-2	S-1-2	
	CI 8990	315	S-1	S-2-3	tr
		421	S-1	S-2	
	B46-4797-54	128	S-2	MS-1	
430	Ref. R. Royle	228	S-1	MS-1	
	CI 9214	321	S-1	S-1	
R. J. Owen		420	S-1	S-1	
	9/3				

9/3 probably S-1-2-3

9/3
HO W.

43	B5223A5-14-1	129	S-1	S-2
431		229	S-2	S-1
	CI 9122X	324	S-2	S-1-2
	B61.50.	427	S-1	S-1

	B5233A1-8-3	130	S-1	S-1-2
432		230	S-1	MS-1
	CI 9278XTP	325	S-2	S-1-2
		428	S-1	S-1-2

	B5233A1-74-1	131	S-1	MS-1
433		234	S-1	MS-1
	CI 9278XTP	322	S-1	MS-1
		423	S-1	S-1

Other Draw
9/4

	B5233A1-96-3	132	S-1-2	MS-1
434		232	S-1	MS-1
	CI 9278XTP	327	S-2	MS-1
		425	S-1	MS-1

Prohibe
15" to W.

	B4512A1-106	133	S-1	S-1
435		231	S-1	S-1
	Hill Sel X B61.	326	S-1	S-2-3
		424	S-1	S-2

9/3

Ho co. AB KS

43 B49-4601-5-	134	S-1	S-2		
436	233	S-1	S-1		
B.H. Sel	328	S-1	S-1-2		
	422	S-1	S-1		

X-157-3-4	135	S-2	S-3-4		
437 B.H. 50	235	S-2	S-3-4		
Loma lower	323	S-2	S-3		
Clear	426	S-2	S-3-4		

B508A1-34-1-1	136	MS tr	MS-tr	1	tr
438	240	MS tr	MS-tr	tr	tr
B.H. x HO 10	310	MS tr	S-1		tr
9/3 Very Clear	409	MS tr	S tr		tr
tr H.S. some					
HOAL flight					

B501A1-26-9-2	137	MS-1	S-2-3	1	
439	239	S-1	S-1	-	
B.H. x B433A2.6	314	S-1	S-2		
	413	S-1	S-1-2		

B502 A2.98-1	138	S-1	MS-1	0	tr
440	241	MS-1	MS-1		
B.H. x EP231	308	MS-1	S-1-2		tr
this may be "MS" to CO	408	MS-1	S-1		tr
rather clear					

				9/3		
				No	Co.	HB K 8,
	B502 A2-60-1.3	139	S-1	MS-1.2	tr	-
441		237	S-1	S-1	tr	-
	Bht.x CP231	313	S-1	S-2		
		412	S-1	S-2		tr
	B502 A2-113-3.1	140	MS-1	MS-1	tr	-
442		236	MS-1	MS-1	tr	tr
	Bht.x CP231	312	MS-1	S1-2		
		411	MS-1	S-1		tr
	B502 A3-100-1	141	MS-1	MS-1	=	-
443		238	S-1	MS-1		
	Bht.x CP231	309	MS-1	S-1.2		
		414	MS-1	S1-2		
	B502 A2-96-3-1	142	S-1	MS1-2		
444		242	S-1	MS-1		
	Bht.x CP231	311	S-1	S.1-2		
9/3		410	S-1	S1-2		
	PI 215 936	143	S-1	R-0		
445		244	S-1	R-0		
	Taiwan	305	S-1	R.0		
		403	S-1	R-0		
	R to Hoja Blanca					

9/4/57
Ho Co. 14B

Blue Rose	144	MS-1	MS-tr	tr
446	248	MS-1	S-tr	
CI 1962	302	MS-1	S-tr	
	401	MS-1	S-tr	

Calrose	145	MS-1	S-1	1
447	247	MS-1	S-1	1
CI 8988	303	MS-1	S-1	
	407	MS-1	S-1	

Solgel

B 49-508	146	S-1	MA-tr	
448	246	S-1	MS-tr	
CI 9114	301	S-1	MS-tr	
Probably 5 to 10.	404	S-1	V	

Caloro	147	S-1-2	MS-tr	1
449	249	S-1-2	MS-1	2
CI 1561-1	307	S-1	MS-tr	
	406	S-1	MS-tr	

Lodged

B 4555 A1-102-2	148	S-1	R-0	tr
450	243	S-1	R-tr	1
Brown Sel x BR	306	S-1	R-0	
CI 9282	405	S-1	R-0	

9/4/57
RD Co. RD

	Hyb. May. 11-49-19-2	149	Ms tent R-tu
451		245	Ms tent R-O
	E. Sh. Br.	304	Ms tent R-O
		402	Ms tent R-O

H. Taylor Patna	150
452	256
CI 8321	343
	444

B48-6420-1	151
453	252
Reg. Sel.	347
CI 9267	443

B4552 A1-15	152
454	250
TPXR-7689	346
CI 9253	448

Reyoro	153
455	251
CI 1779	349
	445

	TP 49	154
456		253
	CI 8997	344
		444

	B4527 A1-11	155
457		254
	TP 49 x R	348
	CI 9120	447

	53C 4120	156
458		255
	C3-12 x TP 49	345
	CI 9179	449

		9/25	
		NO	P.O
501	B4031A1- TPXR-SBR	S-2	P.O
502	B4030 A (R-7689)XR	S-2	P.O
503	B46-2069-5-3 Dwnt 70.	S-3	P.O
504	B.H. 50	S-2	S-1
505	CP 231	S-2	MS-1
506	godon Giant	S-3	P.O
507	B3431 B 49-3 NKK.	S-3	P.O
508	BS111A. CP231 X Zager Boyer-	MS-1	MS-1
509	BS111A1-45-4 CP231 X Zager Boyer	S-4	MS-1
510	BS111A1-88-1-2 CP231 X Zager Boyer	MS-1	P.O
511	BS111A1-108-1-5 CP231 X Zager Boyer	MS-2	P.O
512	BS111A1-163-1 CP231 X Zager Boyer	S-2	S-1

12/11/57

P.O. HO CO. P.O.

O MS-2 MS-2 O

O S-3 S-2 O

O S-3 S-2 O

O S-2 S-2 O

O MS-2 S-1 O mature

O S-4 R-O O

O S-4 R-O O

O MS-1 MS-2 O Mature

O S-3 R-O O Mature

O S-2 MS-1 O ✓

O S-3 R-O O

S-2 S-2 S-1 O

		9/25	
		HO	CO
513	B5111A1-202-2 CP231 X Zayon Bazan	MS-2	R-0
514	B5112A1-14-1-2 Blt. X Zayon Bazan	MS-23	R-0 (Puplet 3 pr)
515	B5112A1-59-1-3 Blt. X Zayon Bazan	S-4	R-0
516	B5120A-1-2-2-2, Imp. Blt X Zayon Bazan	MS-1	MS-1
517	B5120A-1-4-1-1, Imp. Blt X Zayon Bazan	S-2	R-0
518	B5121A-1-15-1-10 Blue Base X Zayon Bazan	S-2-3	R-0
519	B512A1-21-3-3, Blue Base X Zayon Bazan	S1-2	R-0
520	B5123A1-2-2-1 Imp. Blt X P.I. 180,060	S1-2	MS-1
521	B5123A1-2-2-3, Imp. Blt X P.I. 1800,060	MR-2	R-0
522	B5123A1-3-6-3, Imp. Blt X P.I. 180,060	MR-1	R-0
523	B5123A1-7-1-2, Imp. Blt. X P.I. 180,060	S-1-2	R-0
524	B5123A1-8-1-3, Imp. Blt X P.I. 180,060	MS-2	R-0

10/11/57

P.O.

HO

Co

P.O.

O

MS-1

S-2

O

mature

O

S-3

MS-1/2

O

unusual spot,

O

S3-4

R-O

O

unusual spot,

O

MR-1

MR-1/2

O

O

S3-4

R-O

O

O

S2-3

R-O

O

Horned

O

MS-1

R-O

O

O

S-2

MS-1

O

Horned,

O

MS-2

MS-1/2

O

✓

O

MS-1

R-O

O

mature

O

S-2

R-O

O

Horned

O

MS-2

MS-1/2

O

9/25
NO CO

- | | | |
|-----|---|------------------------|
| 525 | B5123A1-8-3-4
Impet Blt x P.I. 180,060 | S-2 MS ₁₂ |
| 526 | B5123A1-12-3-5
Impet. Blt x P.I. 180,060 | MS-2 MS-1 |
| 527 | B5123A1-12-4-2
Imp Blt x P.I. 180,060 | S-2-3 R-0 |
| 528 | B5123A1-16-1-2
Impet Blt x P.I. 180,060 | 9-1-2 R-0 |
| 529 | B5123A1-19-2,
Impet Blt x P.I. 180,060 | MS-3 ⁴ R-0 |
| 530 | B5123A1-2-1
P.I. 180,060 | MS-1-2 R-0 |
| 531 | B5123A1-33-1-4
Impet Blt x P.I. 180,060 | MS1-2 MS ₁₂ |
| 532 | B5123A1-37-3-3
Impet Blt x P.I. 180,060 | S1-2 R-0 |
| 533 | B5123A1-41-3-1
Impet Blt x P.I. 180,060 | MS-1 MS ₁₂ |
| 534 | B5233A1-36-3
C.I. 9278 X.T.P | MS-2 S-1 |
| 535 | B5233A1-56-4
C.I. 9278 X.T.P | MS1-2 MS ₁₂ |
| 536 | B5233A1-70-1-2
B455A1-25 X.T.P | S2 MS ₁₂ |

10/11/37

P.O. H.O. C.O. P.O.

O S-3 MS-1 O

O MS-2 MS-1
(or MR) O

O S-3 P.O. O

O S-1 P.O. O None

O MS-3 P.O. O ✓

O MS-2 MS-1 tr

O MS-2 MS-1 tr

O S-2 P.O. - Hand

O MR-1 MS-1 O

O MS-2 S-3 O

O MS-1 MS-2 O

O S-2 MS-1 O

		9/25 HO CO
537	B5233A1-73-4-4 B455A1-25 XT.P.	S-1 MR-1
538	B5233A1-74-1-3 B455A1-25 XT.P.	S-1 MS-1
539	B5233A1-74-2-2, B455A1-25 XT.P.	S-2 S-1
540	B5233A1-74-5-3 B455A1-25 XT.P.	S-2 S-1
541	B5233A1-77-3, C.I. 9278 XT.P.	S-2 S-1
542	B5233A1-89-6, C.I. 9278 XT.P.	S-2 MS-1
543	B5233A1-96-1-1, B455A1-25 XT.P.	S-2 MS-1
544	B5233A1-99-2 C.I. 9278 XT.P.	S-2 MS-1
545	B5233A1-101-1-3 B455A1-25 XT.P.	S-2 MS-1
546	B5335A1-2-4, B.L. 50 X HO 341	MR-1 R-0
547	B5331A1-9-2 B.L. 50 X HO 10	MR-1 R-0
548	B5331A2-8-3 B.L. 50 X HO-10	R-1 R-0
		546, 47 + 48 V. J. Ch. 9/25

10/11/57

PO NO CO P.O.

0 MS-1 S1-2 0

0 MS-1 S-2 0

0 S1-2 S1-2 0

0 S1-2 S-2 0

0 S-2 S1-2 0

0 S-2 S-2.3 0

0 S-3 MS-1 0

0 S-2.3 S1-2 0

0 S-2 B-1 0

0 MR-1 MS-1 0

0 MR-1 MS-1 0

0 MR-1 MS-1 0

also
10/11/57

		9/25	
		HO	CO
549	B5331A2-13-1 Blt. 50x NO10	MR-1	RO
550	B5331A2-19-10 Blt. 50x NO10	MR-1	RO
551	B5331A4-11-11 Blt. 50x NO-10	R-12	RO
552	B5335A5-70, Blt. 50x NO-341	MS-1	RO
553	B545A1-14 CP231x B505A1-30-2 (CP231x HO-12)	MR-1	MR-1
554	B548A2-40 CP231x B508A2-73-1 (Blt. 50x HO-10)	MR-1	RO
555	B5430171-9 Blt. 50x B508A1-15-2	MS-2	MS-1
556.	B508A2-100-3-2 Blt x HO10	MS-2	RO
557	B507A1-29-1-4 Blt x HO12	MR-12	RO
558	B507A1-58-7-1 Blt x HO12	MR-12	MS-1
559	B505A1-38-2-2 CP231x HO12	MS-1	MS-1
560.	B5333A2-9-6 CP231x HO-341	R-12	MS-2

9/25/57. 549-554. Very close
following.

PO 10/11/57
120 C.B. P.G.

0 MR-1 MS-1 0

0 MR-1 MS-1 0 Hand. to X.S.

0 MR-1 MR-2 0 " to X.S.

0 MR-1 MS-1 0

0 MS-1 S-1-2 0

0 MS-1 MS-1 0

0 MS-2 S-1 0

0 MS-1-2 R.O. 0

0 MR-1 MR-1 0

0 MR-1 MS-2 0

0 MS-1 MS-1 0 Hand.

0 MR-1 S-2 ✓

- 561 B505A1-17-1-1
CP231 X H0 12
- 562 B505A1-17-1-1
CP231 X H0 12
- 563 B505A1-17-1-2
CP231 X H0 12
- 564 B505A1-38-7-4
CP231 X H0 12
- 565 B505A1-66-1-1
CP231 X H0 12
566. B505A1-66-1-2
CP231 X H0 12
- 567 B506A1-3-3-3
CP231 X H0 12
- 568 B5231A2-9-2
B6t 50 X C.I. 9278
- 569 B5231A2-37-2
B6t 50 X C.I. 9278
570. B5232A1-2-3
B455A1-25 XCP231
- 571 B5232A1-3-2,
B455A1-25 XCP231
- 572 B5232A1-10-1
B455A1-25 XCP231

9/23

AO Co PO

MR-1 MS-1 0

MR-1 MS-2 0

MR-1 MS-2 0

MR-1 MS-2 0

MR-1 MS-2 0

MS-1 MR-1 0

MS-1 MS-1 0

S-2 S-2 0

S-2 S-1-2 0

S-2-3 MS-1 0

S-1-2 S-1 0

S-2-3 MR-1 0

10/11/57

AO Co PO

MR-1 MS-2 0

MR-1 S-1 0

MS-1 MS-1 0

MR-1 MS-1 0

MR-1 S-2 0 Hand

MS-1 S-2-3 0

MS-1 MS-1 0 Hand

MS-2 S-2 0

S-1-2 S-2-3 0

MS-2 S-2-3 0

S-1-2 S-2-3 0

S-2 S-3 0 Hand

- 573 B5232A1-10-1
B455A1-25 x CP231
- 574 B507A1-58-7-1
Bbt50 x H012
- 575 ~~B523~~ 1A2-30-1
Bbt50 x B455A1-25
- 576 B5223A3-8-1,
C.I.-9122 x Bbt50
- 577 B5223A5-17-1,
C.I. 9122 x Bbt50
- 578 B4515 A1-21
Hill Sel x R-N
579. CI 9052. Hill Petno.
580. B4031A1-1-1
TP x R-SBR.
- 581 B51-4322-11
Bbt50 Sel.
- 582 B502A2-1-1
B44 x CP231
- 583 B502A2-1-8-2
Bbt x CP231
- 584 B502A2-7-1
Bbt ~~50~~ x CP231

9/23

No CO Po.

S-2-3 MS-1 0

S-2 R-0 0

S-2-3 S-1 0

S-2 S-1 0

S-2 MS-1 0

S-2-3 MS-1 0

S-2 S-1 0

MS-1 R-0 0

S-2 MS-1 0

MS-2 MS-1 0

S-1 MS-1 0

MS-1 MS-1 0

10/11/57

No CO Po.

S-2 S-2 0

S-2 MS-1 0

S-2 MS-2 0

S-2 S-2 0

S-2 S-3 0

S-2 MS-1 0

S-2 S-2 0

MS-1 S-2 0 + 2 X 5

MS-1 MS-1 0

MS-2 S-3 0

S-1 S-2-3 0

MS-1 S-2-3 0

- 585 B502A2-7-2
Bbt 50 XCP231
- 586 B502A2-7-3,
Bbt 50 XCP231
- 587 B502A2-7-7-2
Bbt 50 XCP231
- 588 B502A2-7-8-2
Bbt 50 XCP231
- 589 B502A2-8-2
Bbt 50 XCP231
- 590 B502A2-8-2
Bbt X CP231
- 591 B502A2-12-7-1
Bbt ~~50~~ XCP231
592. B5112A1-49.2
Bbt X 2ayor Bayan
593. B502A2-19.9.2
Bbt X CP231
594. B502A2-32-6-2,
Bbt XCP231
595. B502A2-60-1-2,
Bbt XCP231
596. B502A2-60-1-3
Bbt XCP231

			10/11/57		
HO	CO	PO	HO	CO	PO
MS-2	MS-1	0	S1-2	S1-2	0
S-2	S-t ₂	0	S-2	S-3	0
S-3	MS-1	0	S-34	S-1	0
S2-3	S-1	0	S-2	S-2	0
S2-3	S-1	0	S-2	S-1.2	0
S2-3	MR-t ₂	0	S-2	S-2	0
MS2	S-t ₂	t ₂ ⁺	S-2	-	Howe t ₂ 50
MS2-3	A-0	0	MS-2	A-0	0
S-2	S-t ₂	0	S-2	S-1	0
S-2	S-t ₂	0	S-2	S-2	0
S-2	MS-1	0	S-2	S1-2	0
MS-2	MS-1	0	MS-2	S-2	0

597 B502 A2-84-9-2,

Bbt XCP231

598 B502 A2-96-1-1

Bbt XCP231

599 B502 A2-96-3

Bbt 50 XCP231

600 B502 A2-98-1-2

Bbt XCP231

601 B502 A2-98-1-3

Bbt XCP231

602 B502 A2-113-B3

Bbt XCP231

603 B502 A2-98-3

Bbt XCP231

604 B502 A2-113-3-1

Bbt XCP231

605 B502 A2-113-3-2

Bbt XCP231

606 B502 A2-113-3-3

Bbt XCP231

607 B502 A2-113-B3

Bbt XCP231

608 B502 A2-113-9-2

Bbt XCP231

			10/11/57		
NO	CO	PO.	NO	CO	PO.
MS-1	R-0	0	MS-1	MS-1	0
S-2	S-1	0	S-2	S-2	0
MS-2	R-0	0	S-2	SI-2	0
S-2-3	MA-t _n	0	S-3	S-t _n	0
S2-3	R-0	0	S-2	S-1	0
S-2	MS-1	0	S-2	S-2	0
SI-2	R-0	0	S-2	SI-2	0
S-2	MS-t _n	0	S-2	S ¹ -2	0
S2-3	MS-t _n	0	S2-3	MS-1	0
S-2	MR-t _n	0	S-2	SI-2	0
SI-2	S-1	0	S-2	S-2	0
S-2	MS-1	t _n	S-2	S-2	0

- 609 B502A2-113-9-3
Bbt xCP231
- 610 B502A2-154
Bbt xCP231
- 611 B502A2-154-8-2
Bbt xCP231
- 612 B502A2-156-9-1
Bbt xCP231
- 613 B502A3-52-1-1
Bbt xCP231
- 614 B502A3-63-2-1
Bbt xCP231
- 615 B502A3-63-3-1
Bbt xCP231
- 616 B502A3-89
Bbt xCP231
- 617 B502A3-100,
Bbt xCP231
- 618 B502A3-106
Bbt xCP231
- 619 B502A3-106
Bbt xCP231
- 620 B502A3-139-7-2
Bbt xCP231

9/23

RO CO PD

MS-1 MA-t₂ 0

MS-1 S-1-2 0

MS-1 S-1 t₂

S-2-3 S-1 0

S-1-2 R-0 0

S-2-3 R-0 0

S-1-2 R-0 0

MS-1 S-t₂ 0S-1 MS-t₂ 0

S-2 MS-1 0

S-2 MS-1 0

S-2-3 MS-t₂ 0

10/11/57

RO CO PD

MS-2 MS-1 0

MS-2 S-1 0

MS-1 S-1 t₂

S-3 S-2 0

S-1 R-0 0

S-3 S-1 0

S-2 S-1 0

MS-1 S-2 0 Hower

S-2 MS-1 0 ✓

S-1 S-1 0 -

S-2 3-1-2 0

MS-1

- 621 B45 12A1 - 106 - 1 - 3 - 4
Hill Sel X Bbt.
622. B54 23A1 - 62,
Bbt 50 X B502A2 - 113 - 1
- 623 B55 - 8351
Bbt 50 Sel.
624. X - 154 - 3 - 4.
Bbt 50 Sel.
- 625 X - 168 - 2 - 2
Bbt 50 Sel.
626. X - 225 - X - 231
Bbt 50 Sel.
627. X - 261 - X - 268
Bbt 50 Sel.
- 628 X - 150 - 2 - 4
Bbt 50 Sel.
629. X - 150 - 2 - 4
Bbt 50 Sel.
630. Bbt 50.
- 631 B55 - 8351 - 2
Bbt 50 Sel.
632. B502 A2 - 113.
Bbt X CP281

10/11/57

No CO PV.

No CO P.O.

MS-2 S-1/2 0

MS-2 S-2 0 None

S-3 MS-1 0

S-2-3 S-1 0

MS-2 S-1/2 0

S-3 S-1-2 0

MS-2 S-1/2 0

S-2 S-2 0

S-3 S-1 0

S-2-3 S-2 0

S-2 MS-1 0

S-3 S-2-3 0

MS-1 MS-2 0

S-2 S-2 0

MR-1 MS-1 0

MS-2 S-1 0

MS-2 A.O 0

S-2 S-1 0

S-2 S-1 0

S-2 S-1 0

S-1 S-1 0

S-2 S-1-2 0

S-1-2 MS-1 0

S-1/2 S-1 0

633. B55-8361-1
Bbt 50 Sel.
634. B54-6818
Jitterbug
- 635 B455A1-25-4-6
Bbt x (TP x R-SBR)
636. CP 231
637. B54-6808-2
Gilmore Jitterbug
638. B54-6843-3
C.I. 8970 Rogue
639. CI 8980.
R 3 (Jodie).
640. PI 193177.
Jodie.
- 641 B504A1-27-3-2-2
Z x B433A2-6
642. B504A1-27-3-2
Z x B433A2-6
643. B504A1-112-2-2
Z x B433A2-6
644. 2 with

9/23/57			10/11/57			
NO.	CO.	P.O.	NO.	CO.	P.O.	
S-1-2	S-1	0	S-1-2	S-2	0	
S-1-2	S-1-1/2	0	S-1-2	S-1-1/2	0	
MB-2	R-0	0	S-2	S-1	0	
Ponable MR						
S-1	MS-1	1/2	S-1	S-1-2	0	How
S-2	R-0	0	S-2-3	R-0	0	✓
MS-2	R-0	1/2	MS-1	R-0	1/2	✓
S-3	R-0	0	double S-2	R-1/2	0	Solvent
MS-2	R-0	0	✓ MS-2	R-0	0	✓
S-1-1/2	S-1-1	0	S-1	S-1	0	How
S-1-2	S-1	1/2	S-2	S-1	1/2	✓
S-1-2	S-1-1	0	S-1	S-1	1/2	✓
S-1	S-1	0	S-1	S-1	1/2	✓

645. B 50 4A1-27-3-1

2X B433 A2-6

646. B 50 4A1-112-2-1-1

2X B433 A2-6

647. B54-6856-2

CP231, Ro94e.

648. B54-6857-2

CP231, Ro94e

649. Jap variety rare, d type
R to Ro, no CO.

650. B54-6858-4

CP231, Ro94e.

651. cal. 55

13065-76.

652. 489A1-20.

Calif.

653. 244A6-20.

654. 463A1-1-59.

655. 4621A1-1-14-8.

656. 4626A1-1-13-3

9/23 Another note

HO CO. P.O.

S-2 MS-1 0

S-2 MS-1 0

MS-1 MS-1 0

S-1 MS-1 0

S-2 P.O. 0

S-2 MS-1 1/2

S-3 P-1 1

S-2 P-1 1

S-2 P-1 2

S-3 P-1 0

S-2 P-1 1/2

S-3 P-1 0

10/11/57

HO CO. P.O.

S-2 S-1 1/2 Howard

S-2 MS-1 1/2 ✓

MS-1 S-2 0 ✓

S-1 MS-1 0 ✓

MS-1 P.O. 0 ✓

S-1 S-2 1/2 ✓

S-2 MS-1 - ✓
Lodge. Head Bluff

S-2 MS-1 - ✓

S-2 MR-1 - ✓

S-3 S-1 - ✓

S-2 P-1 - ✓

S-3 MR-1 - ✓

657. 489 A1-1-1-2

658 B5112 A1-106-2

Bbt X 2 AYAS BUZAN

659. CI 8638.

(gyp/yr)

660. PI 166 968

T. M. Ray

661. PI 220 413

662. PI 160, 834.

663. PI 215 407.

SAN ANTONIA (EL SALVADOR).
ITALY

664. PI 215 479

Ardito (ITALY)

665. PI 215 484

SEZEA (ITALY)

666. PI 164 985

667. PI 160 746.

(China)

668. PI 160 813

9/23/57			10/11/57		
Ro	Co.	P.O	Ro	Co	P.O
S-2-3	S-2		Hodges ³⁻²	S-2	0 Hunt
S-3	P.O	tr	S-2 ³	P.O	tr
S-2	P.O	0	Poor flight, incomplete emigration.		
			S-2-3	P.O	0
S-3	P.O	0	S-3	P.O	0 Hunt
S-2	P.O	tr	S-2	P.O	0 ✓
S-2-3	P.O	tr	S-2-3	P.O	- ✓
S-2	P.O	S-4	-	-	- ✓ Hunt
S-2	P.O	S-2	(P.O on second growth log)		
			S-2	P.O	- Hunt
S-2	P.O	S-2	S-2	P.O	- ✓
P-1	P.O	S-2	-	-	- ✓
S-2	P.O	S-2	-	-	- ✓
S-2-3	P.O	tr	S-2	P.O	tr ✓

			10/11/57		
			HO Co	PO	
669.	PI 168,947 Turkey	S ²⁻³	R-O	0	Proct.
670.	PI 199540. Aghula Branco (Medio) (EL Salvador)	MR 1	P-O	tr	
671.	PI 199541. Bico Preto 3m. med. glan, (EL Salvador)	MS 1	P-O	tr	
672.	PI 160840.	S-1	S-1	1	Hut.
673.	CI 8945 Sigan.	S1-2	S-tr	tr	✓
674.	PI 167,931. Turkey.	S. 2	R-O	4	✓
675.	PI 167,931. (Turkey)	-	-	-	✓
676.	Hyb. Mix 11-47-1-2 E. Sh. Gr. Bulk.	MS-3	R-O	tr	
677.	Hyb. Mix 11-47-11-3-1-6 E. Sh. Gr. Bulk.	S-2	R-O	-	
678.	Hyb. Mix -12-49-3-4 L. Sh. Gr. Bulk.	S-2	R-O	tr	
679.	PI 209938 Taiwan.	S2-3	R-O	0	
680.	PI 215814 Taiwan	✓	P-O	0	Lodged

$\frac{9}{2}3$			
NO	CO.	P.O.	
S-3	R-O	12	Dodged. (gy type)
R-42	R-O	0	700, long gr. Very clean leaves.
MS-1	R-O	0	Rather clean.
S-1	S-1	1+	
MS-1	R-O	0	
S-3	R-O	4	
S-2 ³	R-O	4	
S-2	R-O	0	Dodged.
S-2	R-O	12	✓
S-2 ³	R-O	0	
S-2 ³	R-O	0	
S2-3	R-O	0	

681. PI 215 818

Taiwan

682 P.I. 215 821

Shinchiku-50 (Taiwan)

683 P.I. 215 831

Shinchiku-iku-19 (Taiwan)

684 P.I. 215 838

Shinchiku-iku-104 (Taiwan)

685 P.I. -215 841

Shinchiku-iku-125 (Taiwan)

686. Calusa.

687. PI 215 847.

Taiwan (Shinchiku-146)

688 P.I. 215 849

Shinchiku-iku-148 (Taiwan)

689. Calusa.

690. PI 215 875.

Taichu-65 (Taiwan)

691 P.I. 215 890

Taichu-iku-39 (Taiwan)

692 P.I. 215 920

TAINAN-8 (Taiwan)

			10/11/57			
No	Co	PO.	No	Co	PO	
S2-3	R-O	0	S-2-3	R-O	0	Radyl.
S2-3	R-O	0	S-2-3	R-O	0	✓
S-2	R-O	0	S2-3	R-O	0	Stanly
S-2	R-O	0	S-2	R-O	0	Seamings
S-2	R-O	0	S-2	R-O	0	Lodge.
MS-1	MS-1	1	MS-1	R-O	0	Hart.
S-2	R-O	0	S1-2	R-O	0	Lodge.
S-2	R-O	0	S-2	R-O	0	✓
S-2	S-1	1	S-2	S-1	1	Hart.
S-2	R-O	0	S-2	R-O	0	Lodge.
S-2	R-O	0	S-2	R-O	0	✓
S-2-3	R-O	0	S-2	R-O	0	✓

- 693 P.I. 215923
TAINAN-14 (TAIWAN)
- 694 P.I. 215924
TAINAN-15 (TAIWAN)
- 695 P.I. 215927
TAINAN-18 (TAIWAN)
- 696 P.I. 215931
TAINAN-ikv-370 (TAIWAN)
- 697 P.I. 215932
TAINAN-ikv-441 (TAIWAN)
- 698 P.I. 215939
TA ~~215939~~ INAN-ikv-440
- 699 ~~TAINAN-ikv-510~~ P.I. 215952
TAINAN-ikv-510 (TAIWAN)
700. P.I. 215953
TAINAN-ikv-511 (TAIWAN)
- 701 P.I. 215954
TAINAN-ikv-512 (TAIWAN)
- 702 P.I. 215956
TAINAN-ikv-514 (TAIWAN)
- 703 P.I. 215961
TAINAN-ikv-519 (TAIWAN)
- 704 P.I. 215972
TAKPO-10 (TAIWAN)

9/23

Ro	Co	PO		Ro	Co	PO	
S-2	R.O	0		S-2	R.O	0	Leont Lodge
S-2	R.O	0		S-2	R.O	0	✓
S-2-3	R.O	0		S-2	R.O	0	Stad.
S-3	R.O	0		S-3	R.O	0	Leon.
S-2	R.O	0		S-1-2	R.O	0	✓
S-2-3	R.O	0		S-2	R.O	0	✓
S-2-3	R.O	0	✓	S-1-2	R.O	0	✓
S-2	R.O	0	✓	S-1-2	R.O	0	Lodge
S-2	R.O	0	✓	S-1-2	R.O	0	✓
S-2-3	R.O	0	✓	S-2	R.O	0	✓
S-3	R.O	0	✓	S-2	R.O	0	✓
S-2	R.O	0	✓	S-2	R.O	0	✓

- 705 P.I. 215976
TAKAO-18 (TAIWAN)
- 706 P.I. 215979
TAKAO-22 (TAIWAN)
- 707 P.I. 216018
TAKAO-ikv-53 (TAIWAN)
- 708 P.I. 216022
TAKAO-ikv-57 (TAIWAN)
- 709 B53-2525
CA x R
- 710 B49-515
CA x R
- 711 P.I. 215864 ^{muchi}
Shinchiku -ko-5 (TAIWAN)
- 712 P.I. 199547
Dourado Wizo (EL SALV)
- 713 P.I. 160,534
- 714 B5232A1-25-2
C.I. 9278 XCP231
- 715 B5232A1-8-1
C.I. 9278 XCP231
- 716 (F₄) B5339A9-11-1
Dwarf TP XCP231

9/23			10/11/57			
HO	CO	PO.	HO	CO	PO.	
S-2-3	HO	0	Subj. ^{S-2}	R-O	0	dohe
S-2-3	R-O	0	✓ S-2	R-O	0	✓
S-2	R-O	0	✓ S-2	R-O	0	✓
S-2	HO	0	S-2	R-O	0	
S-1	S-tr	0	S-1	S-tr	0	
S-2	R-O	0	S-2	R-O	0	
S-2 ³	R-O	0	S-2	R-O	tr	
S-2 ³	R-O	0	S-2	R-O	tr	
S-3-4	S-1-2	0	S-3	S-1	tr	Howt.
S-2 ³	MS-2	0	S-2	S-2	0	✓
S-3	MS-2		S-2 ³	S-2-3	0	✓
S-3	MS-1		S-2 ³	S-3	tr	✓

717. B5339A3-17-1
(F4) Dwart T.P. X CP231
718. B54-67072,
Bbt 50
719. X-12 to X-15
CP231
720. (F4) B53 24 A1-3-3
CP231 X B4545A2-1
721. (F4) B53 28 A1-26-1
CP231 ~~XXXX~~ X F₁ (CP231 X C.I. 8/50)
722. CI 9157.
Mo.
723. (F4) B5338A3-25-3
B 40 30 A3-13X B4512A1-32
724. B517A2-15-4
CP231 X B4510A
725. B517A3-117-2
CP231 X B4510A-77
726. B517A4-15-3
CP231 X B4510A1-77
727. B517A4-15-4,
CP231 X B4510A.
728. B517A4-18-3
CP231 X B4510A

9/25			10/11/57			
Ro	Co	PO	Ro	Co	PO	
S2-3	MS-1	0	S-2	S1-2	0	Howe?
S-4	R-0	0	—			all in H.
S2-3	MS1	0	S-2	S-2	0	Howe?
S-2	MS-1	0	S-2	S-1	0	✓
S1-2	R-0	0	S-1	R-0	0	✓
MS-2	MS-1-2	0	MS-1	S-2	0	✓
MS 2-3	R-0	0	S-2	R-0	0	✓
MS-3	MS-1	0	MS-2	S-2-3	0	✓
S1-2	MS-1	0	S-2	S-3	to	to MS
MS-3	MS-1	0	MS-2	MS-2	0	to MS
S2-3	MS-1	0	S-2	MS-2	0	✓
S2-3	MS-1	0	S-2	S-2	0	

729. B517A4-23-3
CP231 X B4510A1-77
730. B517A4-42-2
CP231 X B4510A
731. B517A4-76-2,
CP231 X B4510A1-77
732. B517A4-80-2
CP231 X B4510A1-77
733. B517A4-104-1
CP231 X B4510A1-77
734. B517A4-119-2
CP231 X B4510A1-77
735. B517A4-132-1
CP231 X B4510A1-77
736. B5117A1-1-2
CP231 X B4512A1-32
737. B5117A1-4-1
CP231 X C.I. 9/22
738. B5117A1-11-4
CP231 X C.I. 9/22
739. B5117A1-14-2
CP231 X B4512A1-32
740. B55-11004
T.P. Sel.

9/25			10/12/57		
AO	CO	PO	AO	CO	PO.
MS-2.3	MS-2	0	MS-2	MS-2	0 Hunt
MS-2	S-1	0	MS-2	S-2	0
MS-3	S-1-2	0	S-2	S-2	0 Hunt
MS-2.3	MS-1	0	S-2	S-2	0 ✓
MS-2	MS-1	0	S-2	S-2	0 ✓
MS-1	S-1	0	S-1	S-2	0 ✓
MS-2 ³	MS-1	0	MS-2	S-1	0 ✓
MS-2	MS-1	0	MS-2	S-1-2	0 ✓
MS-2 ³	MS-1	0	MS-2	S-1-2	0 ✓
MS-1	S-1	0	MS-2	S-2-3	0 ✓
MS-1	MS-1	0	MS-2	MS-1-2	0 ✓
S-2	MS-1	0	MS-2	S-2	0 ✓

741. Original C.P.
742. PE 199554
El Sch.
743. P.I. 199554
(El Salvador)
744. P.I. 199554
(El Salvador).
745. P.I. 199554
(El Salvador)
- 746 B5386A-11
CP231X(CPX B4513A)
747. B5386A-30
CP231X(CPX B4513A)
748. B5417A1-1
CP231 X B502A2-154-2
749. B5417A1-7
CP231 X B502A2-154-2
750. B5417A1-12
CP231 X B502A2-154-2
751. B5417A1-14
CP231X B502A2-154-2
752. B5417A1-19
CP231X B502A2-154-2

9/25			10/12/57			
HO	CO	PO	HO	CO	PO	
MS-2	S-1	0	MS-2	S-2	0	Heart
MS-2	MS-1	0	MS-2	S-2	0	✓
S-2	MS-1	0	MS-2	S-2	0	✓
S-2	S-1	0	S-2	S-2	0	✓
S-2	MS-1	0	S-2	S-2	0	✓
S-2	MS-1	0	S-2	S-2	0	✓
S-1	MS-1	0	S-2	MS-1	0	✓
MS-2	MS-1	0	S-2	S-2	0	✓
MS-2	MS-1	0	MS-2	S-2	0	✓
MS-1	MS-1	0	S-2	S-2	0	✓
MS-1	MS-1	0	S-2	S-1	0	✓
MS-2	MS-1	0	S-2	S-2	0	✓
						1-K.S.

753. B54 17A1-24

CP231 X B502A2-154-2

754. B54 17A1-25

CP231 X B502A2-154-2

755. B54 17A2-4

CP231 X B502A2-154-2

756. B54 17A2-10

CP231 X B502A2-154-2

757. B54 17A2-11

CP231 X B502A2-154-2

758. B54 17A2-12

CP231 X B502A2-154-2

759. B54 17A2-14

CP231 X B502A2-154-2

760. B54 17A2-16

CP231 X B502A2-154-2

761. B54 17A2-27

CP231 X B502A2-154-2

762. B54 17A2-32

B502A2-154-2

763. B54 17A2-34

CP231 X B502A2-154-2

764. B54 17A2-36

CP231 X B502A2-154-2

9/25			10/12/17		
NO	C.O	P.O.	NO	CO	PO.
MS-2 ³	MS-1	0	MS-2S1-2	0	Howant
S2-3	S-1	0	S2-3 S-2	0	✓
S1-2	MS-1	0	S-2 S-2	0	✓
MS-2	MS1	0	S-2 S-2	0	✓
MS-2	MS-1	0	S-2-3 MS-1	0	✓
MS2-3	MS-1	0	S-2-3 S-1	0	✓
MS2-3	S-1	0	MS-2 S-2	0	✓
MS-2	MS-1	0	MS-2 S-1	0	✓
MS-2	MS-1	0	MS-2 S-2	0	✓
MS4-2	MS-1	0	MS-2 MS-2	0	✓
MS2-3	MS-1	0	MS-2 S-2	0	✓
MS1-2	MS-1	0	MS-2 MS-2	0	✓

745. B5417A2-39
CP 231 X B502A2-154-2
746. P.I. 202865
(Costa Rica)
747. PI 214 076.
Jamaica. Loc. 202(?)
748. B55106A18-14
CP231 X (CP231 X B502A2-113-1)
749. B55106A26-6
CP231 X (CP231 X B502A2-113-1)
770. B55106A26-8
CP231 X (B502A2-113-1) X CP231
771. B55106A26-11
CP231 X (CP231 X B502A2-113-1)
772. B55106A26-15
CP231 X (CP231 X B502A2-113-1)
773. B55106A27-1
CP231 X (CP231 X B502A2-113-1)
774. B55106A27-2,
CP231 X (CP231 X B502A2-113-1)
775. B55106A27-4
CP231 X (CP231 X B502A2-113-1)
776. B55106A27-6
CP231 X (CP231 X B502A2-113-1)

9/25			10/12/57		
HO	CO	PO	HO	CO	PO
S-1	MS-1	0	S-2	S-2	0 ✓
S-2-3	S-4	0	S-2	S-1-2	0 ✓
S-3-4	R-0	0	S-3	R-0	0 ✓
S-2	MS-1	0	MS-2	MS-1	0 ✓
MS-2	MS-1	0	MS-2	MS-2	0 ✓
MS-2	MS-1	0	MS-2	MS-1	0 ✓
S-1-2	MS-1	0	S-1-2	S-1	0 ✓
S-1	MS-1	0	S-1	MS-1	0 ✓
S-1-2	MS-1	0	S-1	MS-1	0 ✓
S-1-2	MS-1	0	S-1	MS-1	0 ✓
S-1-2	MS-1	0	MS-1	MS-1	0 ✓
S-1-2	MS-1	0	S-1	MS-1	0 ✓

- 777 B55106A 30-X2
CP231X (CP231X B502A2-113-1)
778. B55106A 30-4
"
779. B55106A 30-7
"
- 780 B55106A 30-8
"
781. CI 8337
Peru
782. B55-8135.
Crawley P. A
783. Crawley P. A - 1707.
- 784 B5223A3-7-2
C.I. 9/22 X Bbt 50
785. B5223A3-7-3
C.I. 9/22 X Bbt 50
- 786 B5223A3-8-2
C.I. 9/22 X Bbt 50
- 787 B5223A5-1-2
C.I. 9/22 X Bbt 50
788. B55117A18-5
CP231X (CP231X B502A2-113-1)

7/21			10/12/57			
HO	CO	PO	HO	CO	PO	
S1-2	S-1	0	S-1	S-2	0	Answer
MS1-2	MS1	0	MS1-2	MS1-2	0	✓
MS1-2	S-1	0	MS1-2	S-2	0	✓
MS1-2	S-1	0	MS-1S-2		0	✓
S-2	R-0	0	S-2 ⁻³	R-0	0	
S2-3	R-0	0	S2-3	R-0	0	
S2-3	R-0	0	S2-3	R-0	0	
S2-3	S-1	0	S2-3	S-1	0	
S2-3	S-1	0	S2-3	S-1	0	
S2-3	R-0	0	S-2	R-0	0	
S-3	R-0	0	S-3	R-0	0	
S-2	S-1	0	S-2	S-1	0	

		9/25	
		HO	CO
789	B55133A28-4, CP231X(CP231 X B502A2-154-2)	S-2	S+2
790.	B5223A5-56-3 C.I. 9122 X B64 50.	S-2	S+2
791.	B4515A1-16, Hill Sel X RN	S-2-3	R.O
792.	PZ 180 182 Siam Garden (Peru)	S-2-3	R.O
793.	P.I. 183,331 Tandia	S-3	R.O
794.	P.I. 180,060 Ind: A.	S-3	R.O
795.	B5338A5-2 B4030A3-13 X CI 9122	S-2	R.O
796.	B5338A5-17 B4030A3-13 X CI 9122	S-2	R.O
797.	B5338A7-12, B4030A-13 X CI. 9122	S-2-3	R.O
798.	B55106A27-2 CP231X(CP231 X B502A2-113-1)	S-2	R.O
799	B516A1-8-1 CP231 X C.I. 8150	S-2	R.O
800.	B517A2-18-3 CP231 X B4510A1-77	S-2	R.O

10/12/57				
PO	HO	CO	PO.	
0	S-2	S-1	0	
0	S-2	S-1	0	
0	S-3	S-2	0	
0	S-3	R-0	0	
0	Solgas S-3	R-0	0	
0	✓ S-3	R-0	0	
0	S-2	S-2	0	
0	S-2	R-2	0	
0	S-3	MR-2	0	
0	S-2	MR-2	0	
0	S-2	R-0	0	
tr	Harper S-3	S-1	tr	

9/25
Ho Co

- | | | |
|------|---|-------------|
| 801 | B517A2-20-2
CP231 X B4510A. | S-2 MS-1 |
| 802. | B517A2-39-1
CP231 X B4510A1-77 | S-2 S-1 |
| 803. | Century Patna 231 | S-2 R-0 |
| 804 | B517A2-39-3
CP231 X B4510A1-77 | S-2 MS-1 |
| 805 | B55133A33-9
CP231 X (CP231 X B502A2-154-2 | S-1 MS-1 |
| 806. | B517A3-56-3
CP231 X B4510A1-77 | S2-3 S-1 |
| 807 | B517A3-123-1
CP231 X B4510A. | MS-2 MS-1 |
| 808 | B5117A1-10-1
CP231 X C.I. 9122 | S-2 MS-1 |
| 809 | B5117A1-40-1
CP231 X C.I. 9122 | S-2 B-1 |
| 810. | B55107A4-11
CP231 X (CP231 X B502A2-154-2) | MS-1-2 MS-1 |
| 811 | B5117A2-4-1
CP231 X C.I. 9122 | MS-2 MS-1 |
| 812. | B5117A2-4-3
CP231 X B4512A1-32 | MS-1 MS-1 |

10/12/57

PO		AO	CO	PO.
0	✓	S-2	S-2	0
0	✓	S-2	S-1-2	tr
0		S-2	MS-1	0
0	✓	S-2	S-1-2	0
0		S-1-2	MS-1	0
0	✓	S-2	S-2	tr
0	✓	MS-2	S-1	tr
0	✓	MS-1	MS-1	tr
0	✓	S-2	S-2	tr
0		MS-1	MS-1	0
0	✓	MS-2	S-2	tr
0	✓	MS-1	S-1-2	0

twisted peduncle l.a.
H.B.

8/25
NO CO

- 8/3 B5117A2-48-3 MS-1 S-1
CP231X B4512A1-32
- 8/4 B5117A2-60-1 MS-2 R-0
CP231X B4512A1-32
- 8/5 B5118A4-5-1
BBt 50 X B4512A-32
- 8/6 B5437A1-1
TP X B5316A1
- 8/7 B5437A1-6
TP X B5316A1
- 8/8 B5437A1-14
TP X B5316A1
- 8/9 B5437A1-24
TP X B5316A1
- 8/20 B5437A2-2
TP X B5316A1
- 8/21 B5437A2-5
TP X B5316A1
- 8/22 B5437A2-28
TP X B5316A1
- 8/23 B5437A2-32
TP X B5316A1
- 8/24 B5437A2-34
TP X B5316A1

16/12/57
 PU RO. Co. PO

0 Hunt MS-1 S-1 1/2

0 MS-2 S-1 0

S-3 R-0 0

Blond.

✓ S1-2 S-2 0

✓ S1-2 S-1 0

✓ S-1 S1-2 0

S1-2 S1-2 0

S1-2 S-1 0

S1-2 S-1 0

S-1 S 1-2 0

S-1 S-1 0

			10/2/57		
			NO	CO	PD
825	B5437A2-36		S-1	S-1	tn
	TP x B5316A1				
826	B55198A3-8		S-1	S-1	tn
	TP ₂ x F ₁ (B4512A1-32 x TTP)				
827	B55198A3-13		MS-1	S-1	tn
	"				
828	B55198A3-17		MS-1	S-1	tn
	"				
829	B55198A3-41		S-1	S-1	tn
	"				
830	B55198A3-45		S-1	S-1	0
831	B55198A3-46		MS-2	S-1	tn
	TP ₂ x F ₁ (B4512A1-32 x TTP)				
832	B55198A12-1		S-3	S-1	0
	TP ₂ x F ₁ (B4512A1-32 x TTP)				
833	B55198A12-6		S-3	S-1	0
	"				
834	B55198A12-7		S-3	S-1	0
	"				
835	B55198A12-15		S-1-2	S-1-2	0
	"				
836	B55197A7-11		S-2-3	S-1	0
	TP ₂ x F ₁ (B4512A1-32 x TTP)				

Nov 7

		Ho	Co	PO
837	B55197A7-27.	S-2-3	S-t ₂	0
	"			
838	B55197A7-36	S-3	S-t ₂	0
	"			
839	B55197A7-40	S-2	MS-1	0
	"			
840	B55197A7-49.	S-2	S-t ₂	0
	"			
841	B55198A13-2	S-2	MS-t ₂	t ₂
	TP ₂ x F ₁ (B4512A1-32 XTP)			
842	Bluebonnet 50	S-t ₂	S-1	0
843	B55198A13-5	S-2	S-t ₂	t ₂
	TP ₂ x F ₁ (B4512A1-32 XTP)			
844	B55200A15-3	MS-t ₂	MS-1	0
	"			
845	B55200A15-5	S-2	S-t ₂	t ₂
	"			
846	B55200A15-9	S-2	S-t ₂	0
	TP ₂ x F ₁ (B4512A1-32 XTP).			
847	B55200A20-6	S-2	S-t ₂	0
	TP ₂ x F ₁ (B4512A1-32 XTP)			
848.	B55198A21-4	S-2	S-t ₂	t ₂
	"			

		Ho	co	PO
849	B55198A21-10	S1-2	S-t ₂	0
	11			
850	B55199A1-4	S1-2	S-t ₂	0
	11			
851	B55199A1-7	S-2	S-t ₂	0
	TP ₂ x F ₁ (B4512A1-32 x TP)			
852	B55199A8-5	S-2-3	S-1	0
	11			
853	B55199A2-7	S-2	S-t ₂	0
	11			
854	B55191A2-8	S-2	S-t ₂	0
	11			
855	B55120A13-6	S1-2	MS-t ₂	0
	CP231 x (CP231 x B502A2-113-1)			
856	B55120A13-15	S1-2	S-t ₂	0
	CP231 x (CP231 x B502A2-113-1)			
857	B55120A15-1	MS-1	S-t ₂	0
	CP231 x (CP231 x B502A2-113-1)			
858	B55120A15-9	MS-1	MS-t ₂	0
	CP231 x (CP231 x B502A2-113-1)			
859.	B55120A15-14	S-1	S-t ₂	0
	CP231 x (CP231 x B502A2-113-1)			
860.	B55133A19-3	S-1	MS-t ₂	0
	CP231 x (CP231 x B502A2-154)			

		Ho	Co	PO
861.	B55133A 19-7	MS-1	S-1	0
	CP231 X F ₁ (CP231 X B502A2-154			
862.	B55133A 19-8	MS-1	MS-1	0
	CP231 X F ₁ (CP231 X B502A2-154-2)			
863.	B55107A2-7	MS-1	MS-1	0
	CP231 X (CP231 X B502A2-154-2)			
864.	B55107A4-12	MS-1	MS-1	0
	CP231 X (CP231 X B502A2-154-2)			
865.	B55107A4-15	MS-1	MS-1	0
	CP231 X (CP231 X B502A2-154-2)			
866.				
867.				
868.				
869.				
870.				
871.				
872.				

873.

874

875

876.

877.

878.

879.

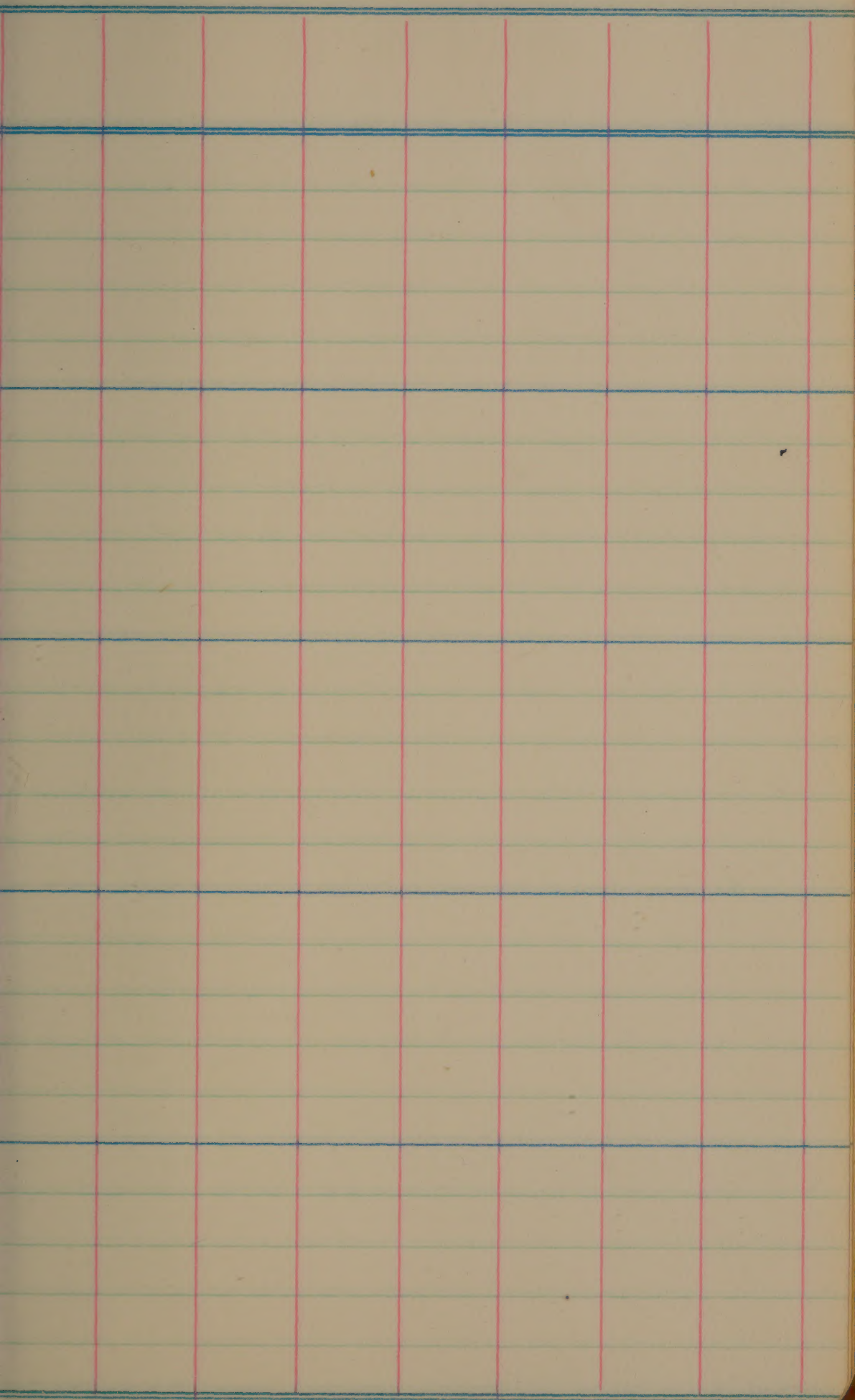
880.

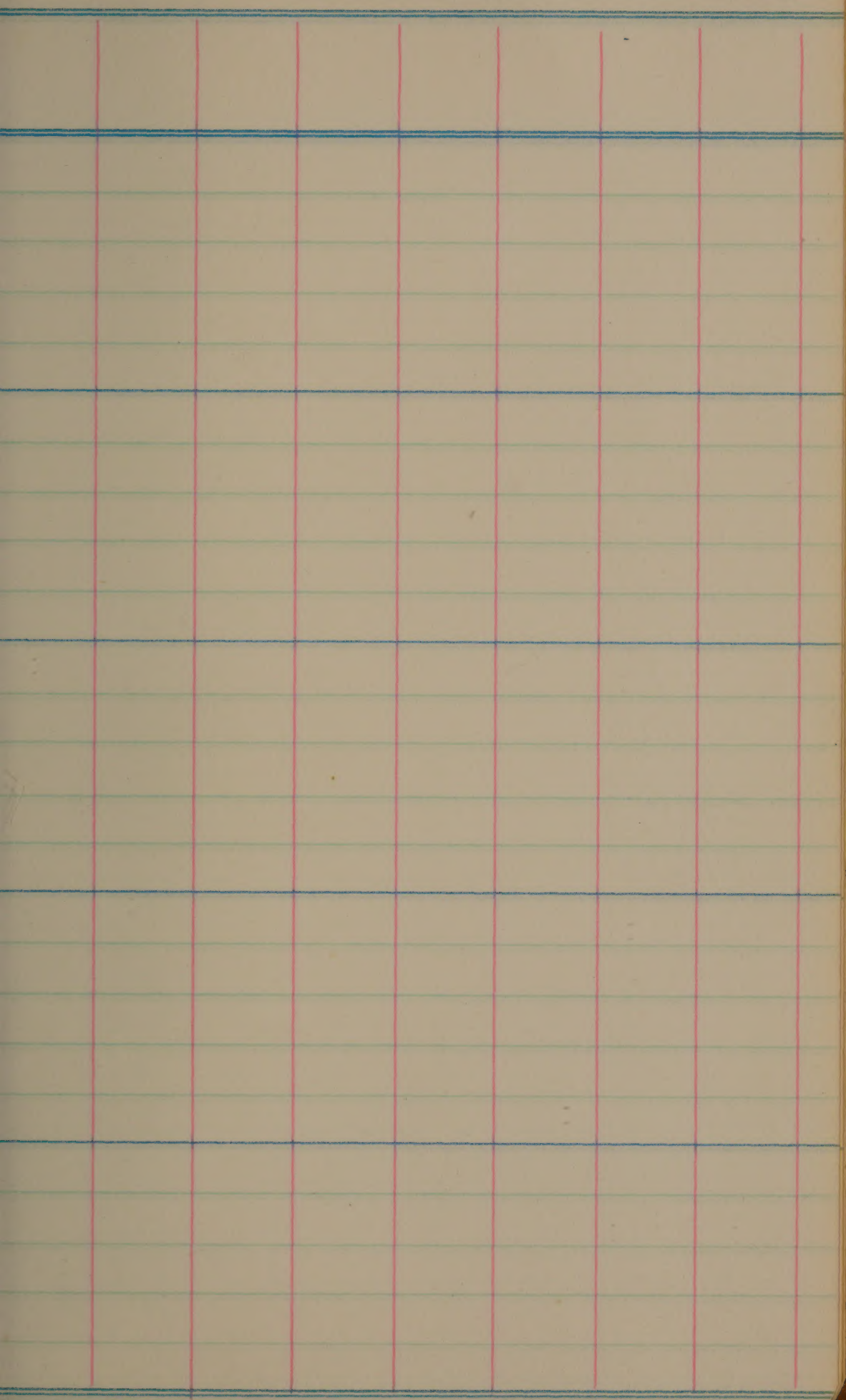
881.

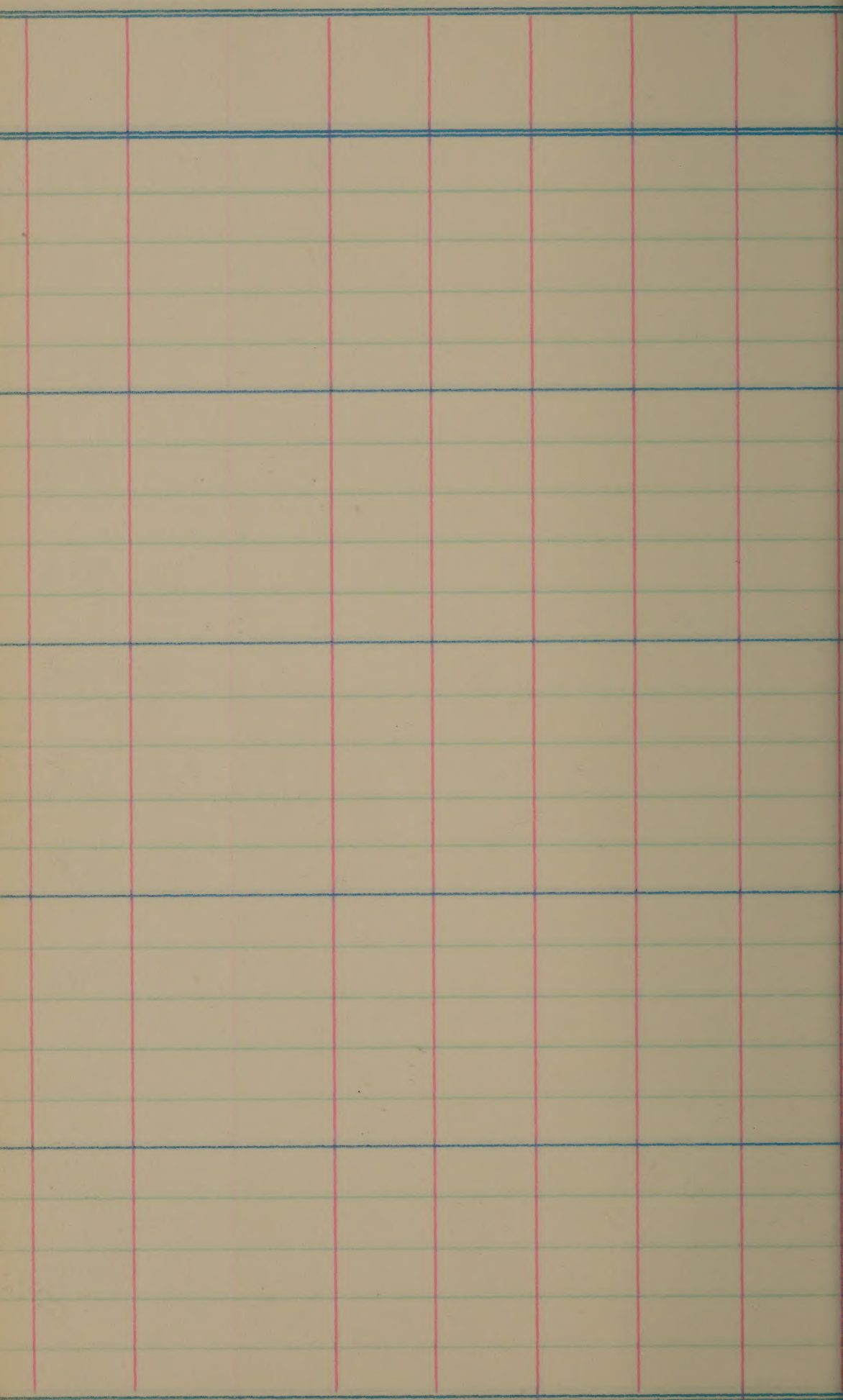
882.

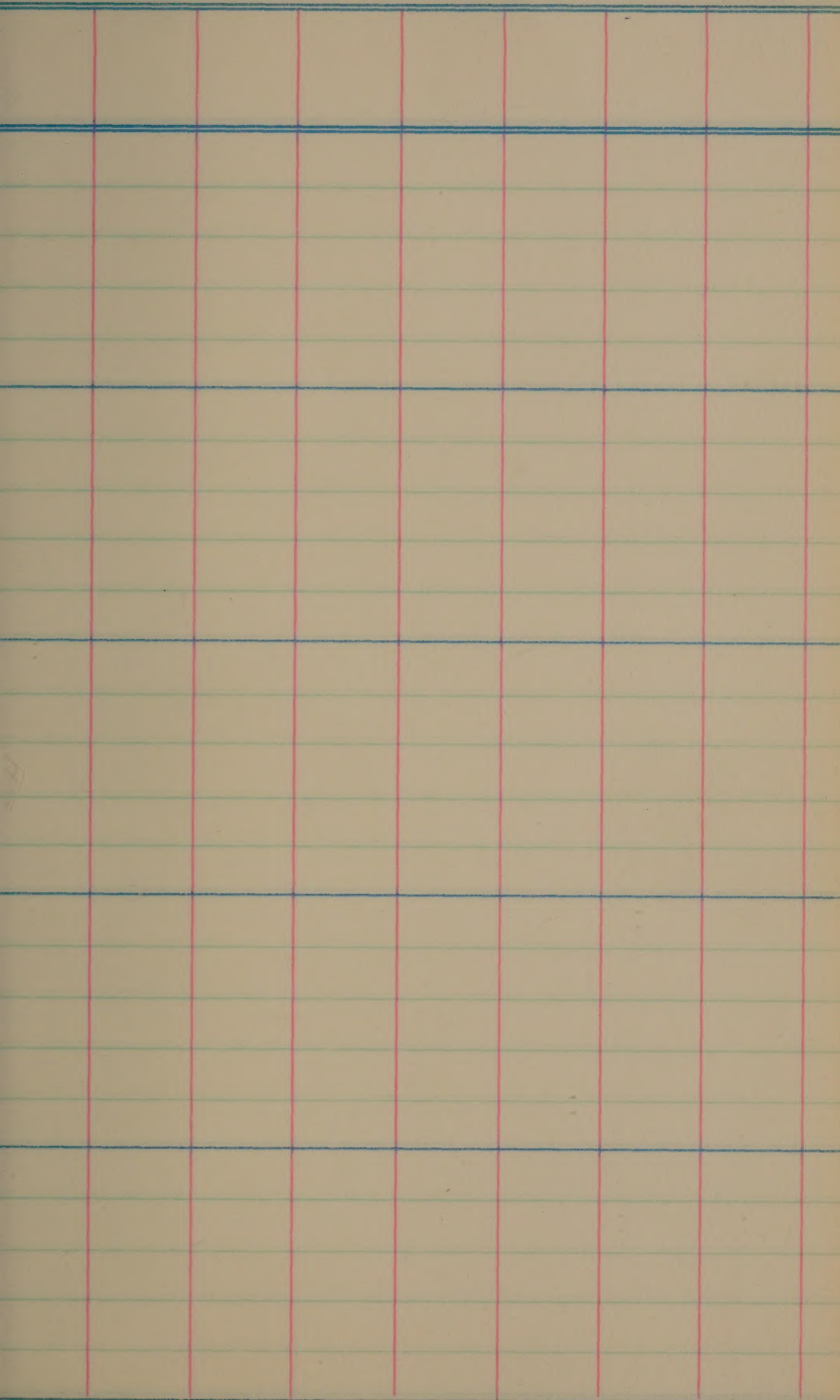
883.

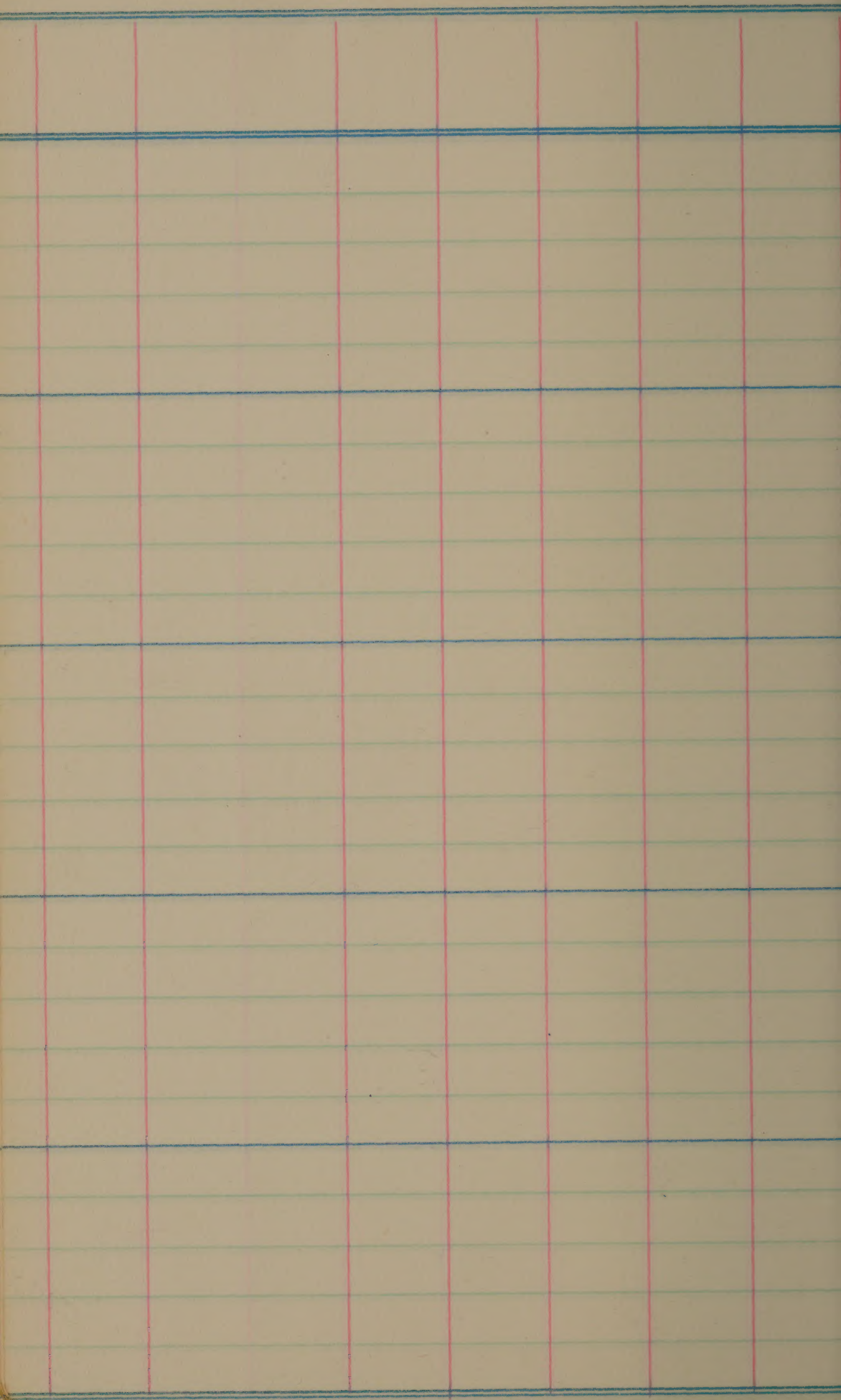
884.

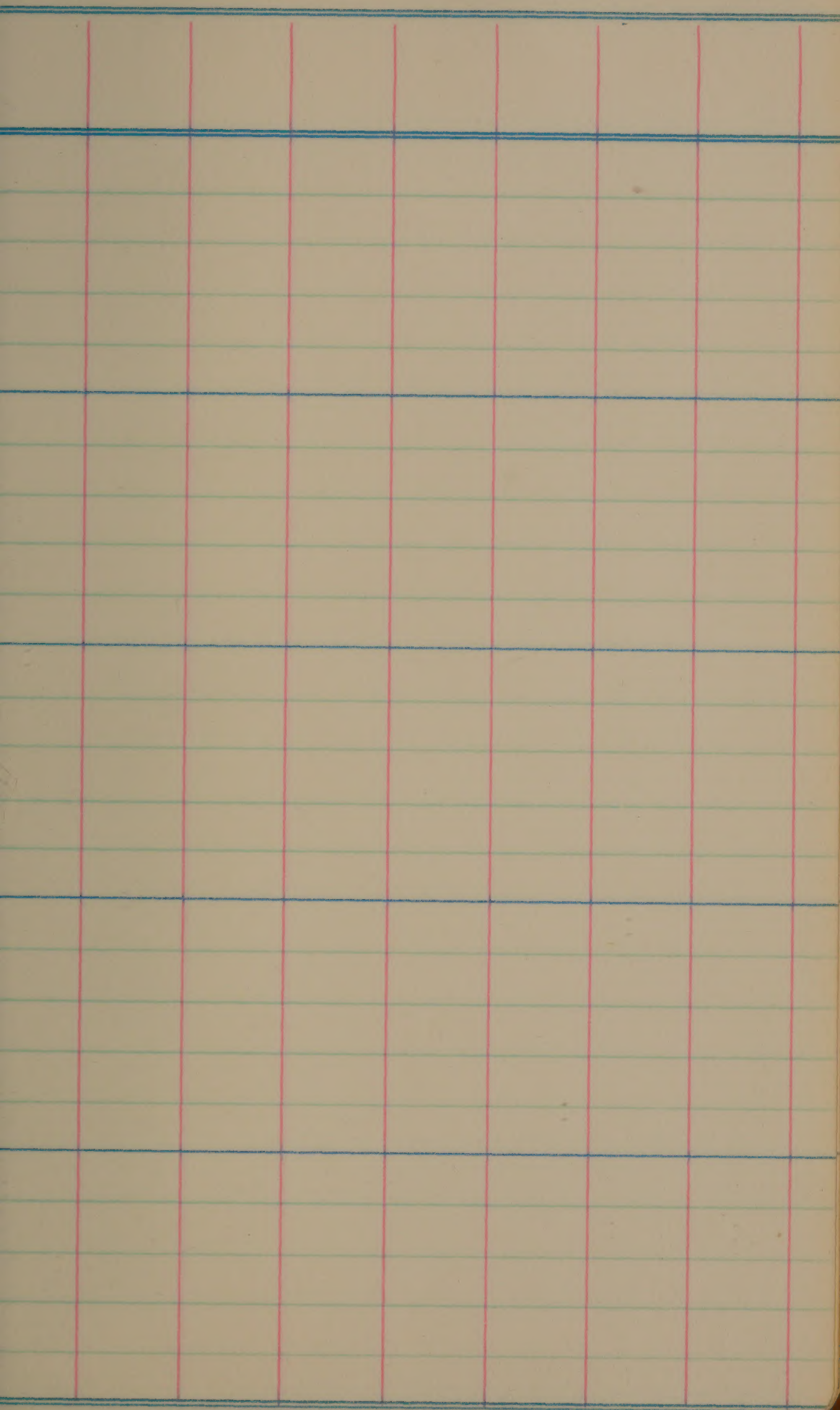


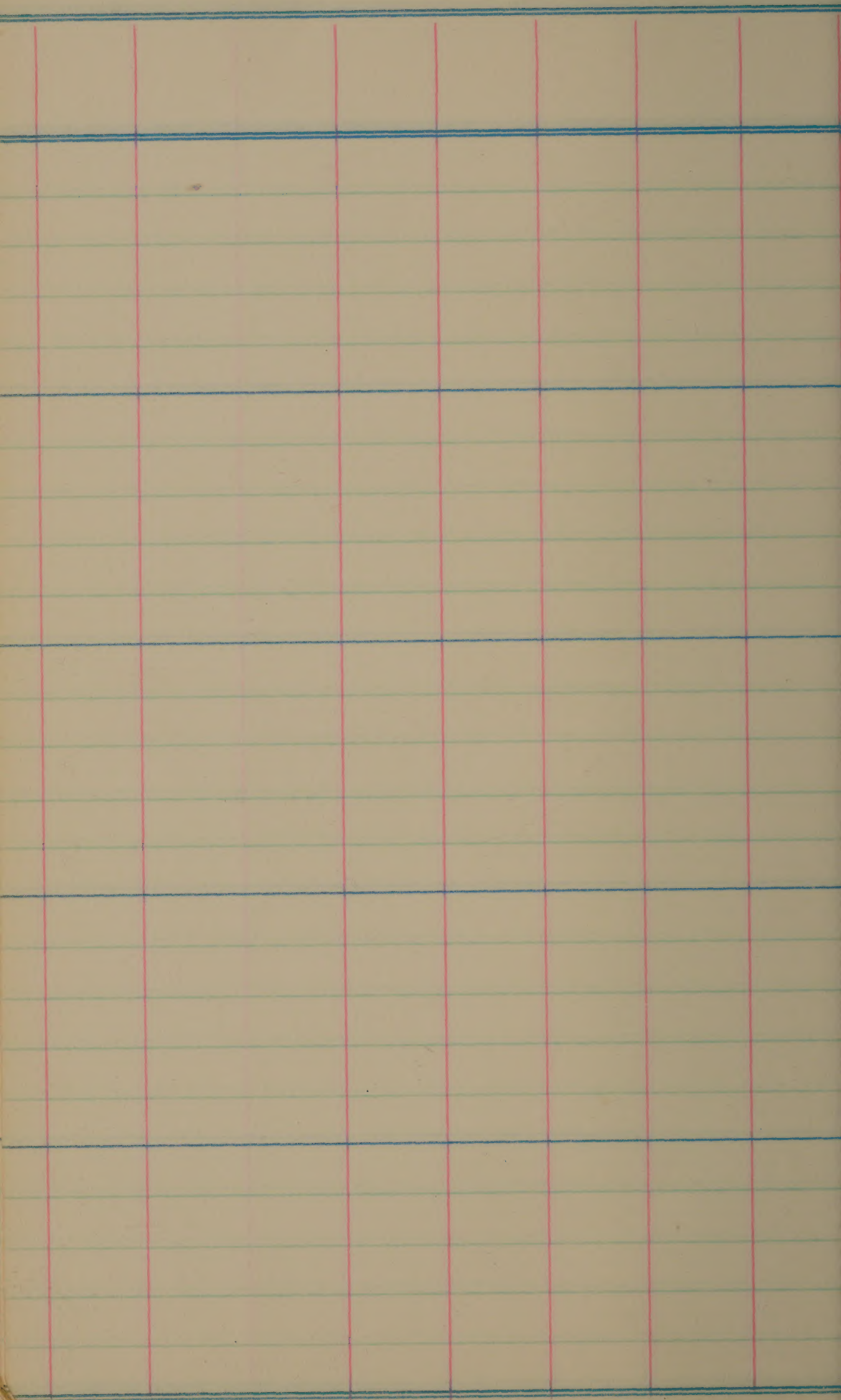


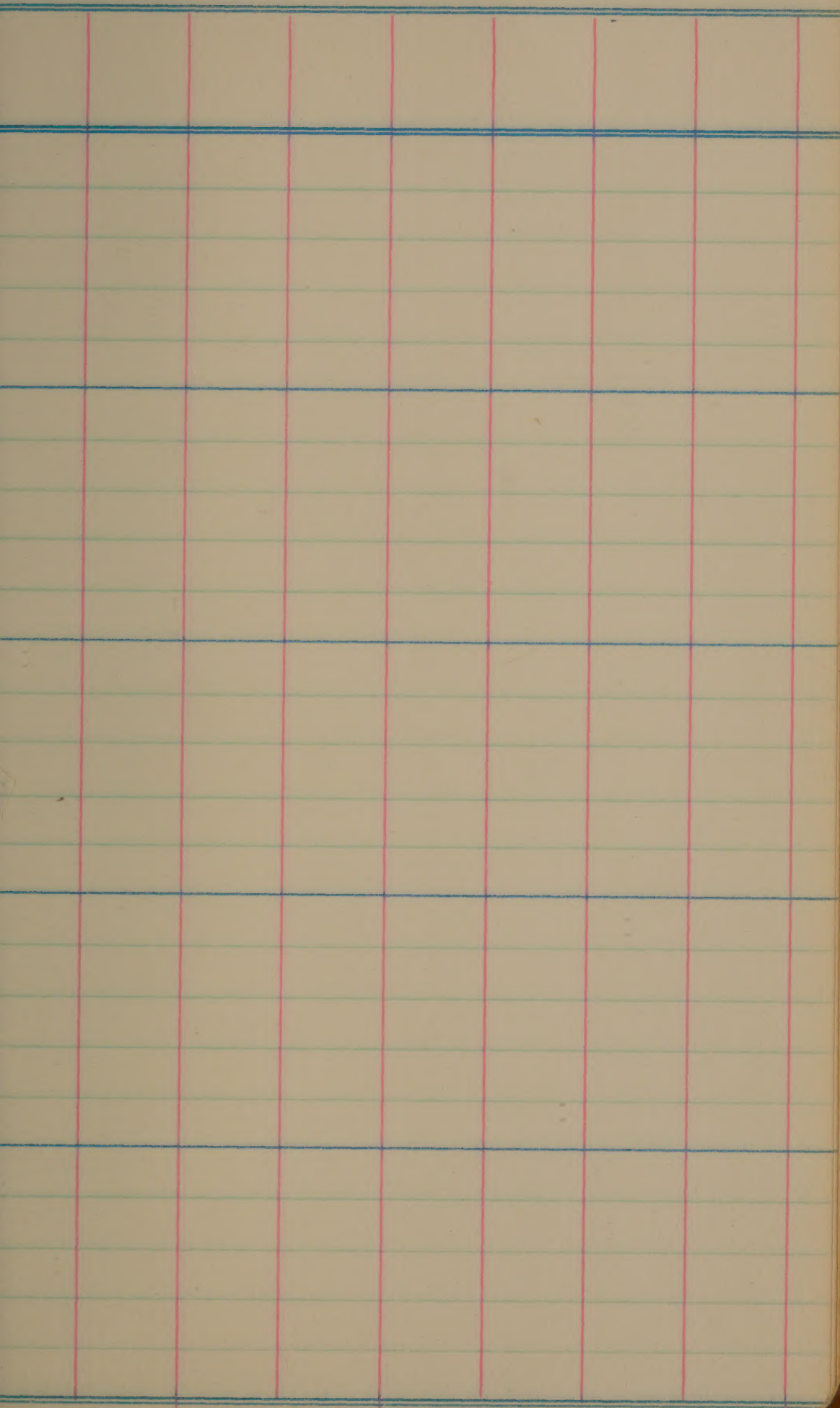


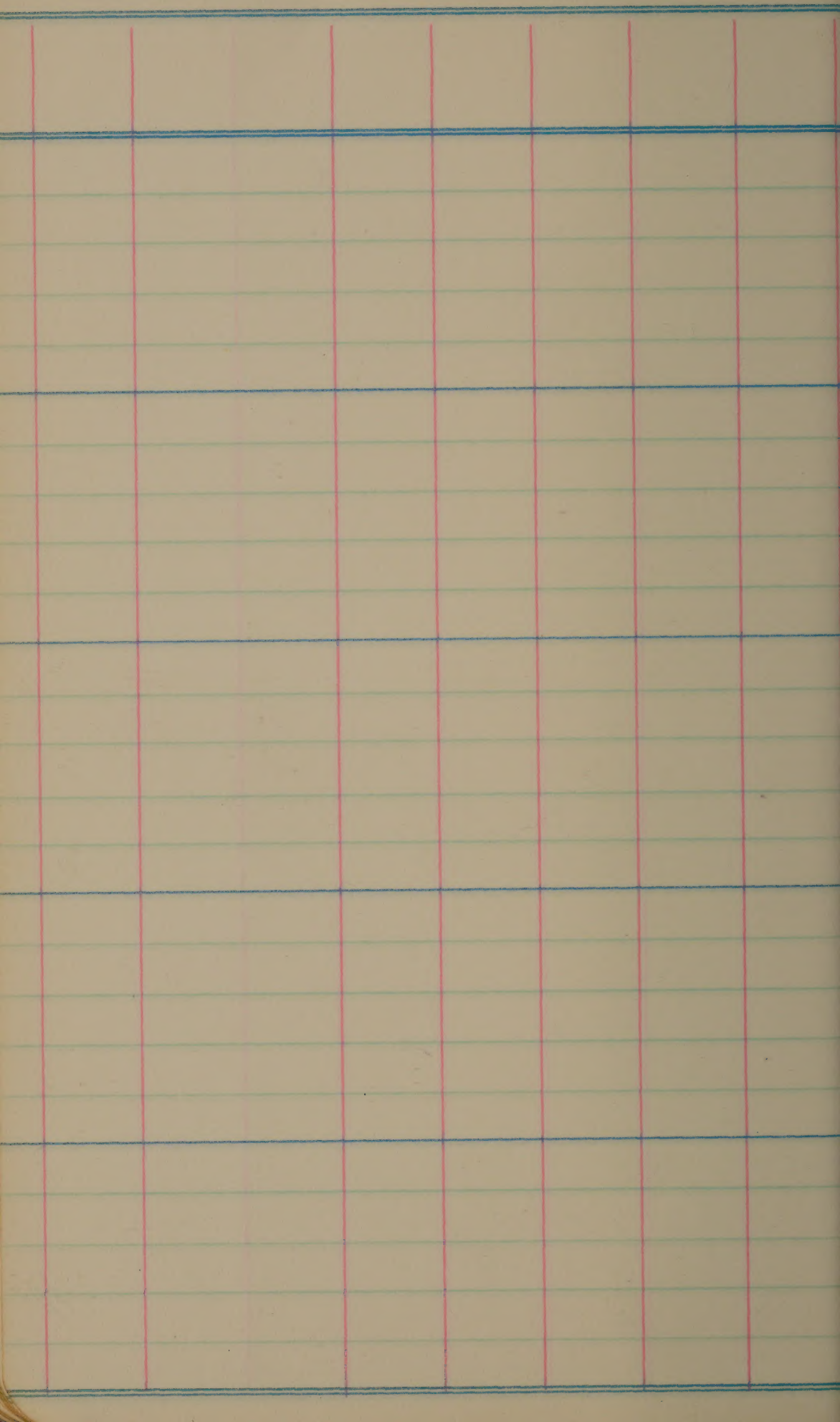


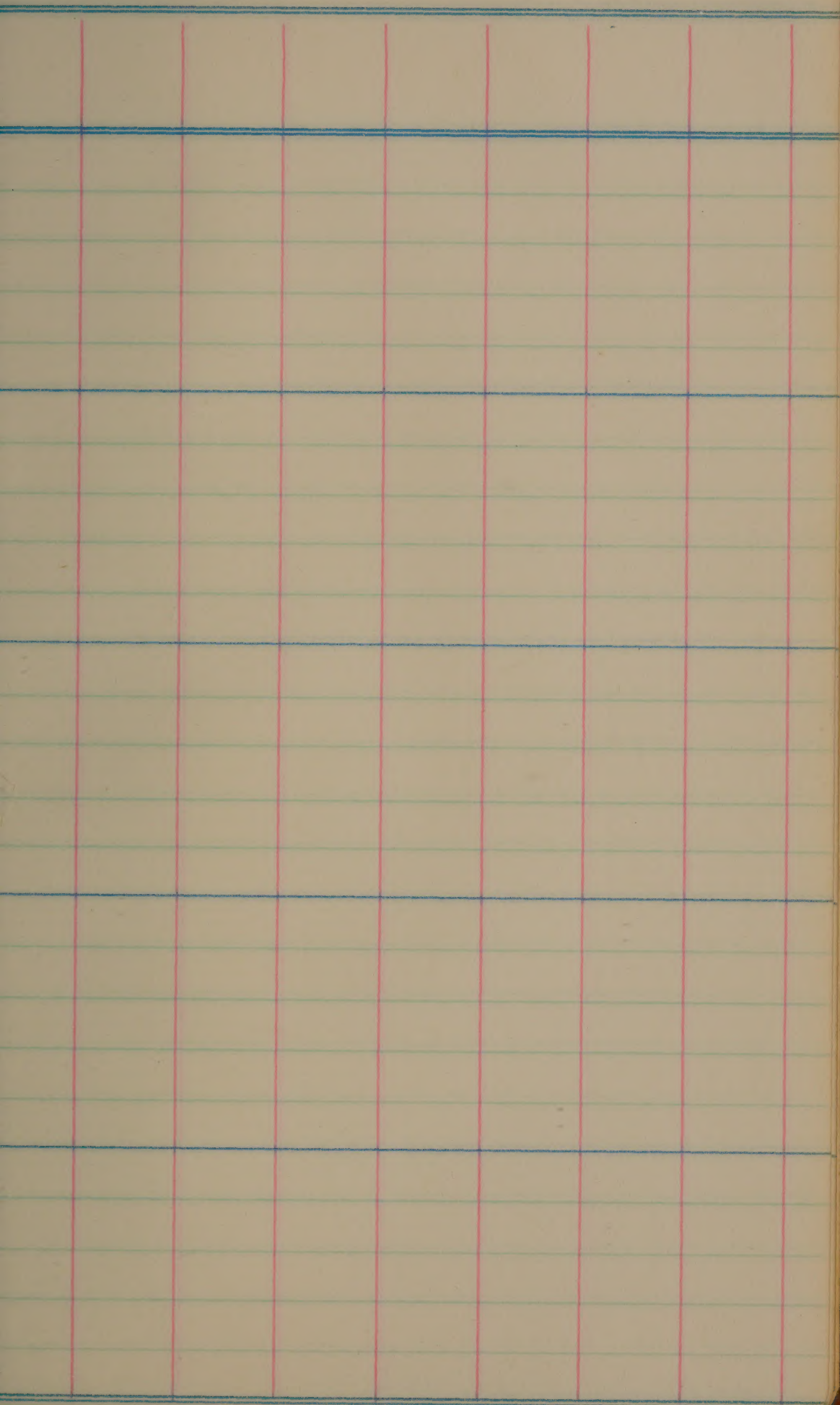


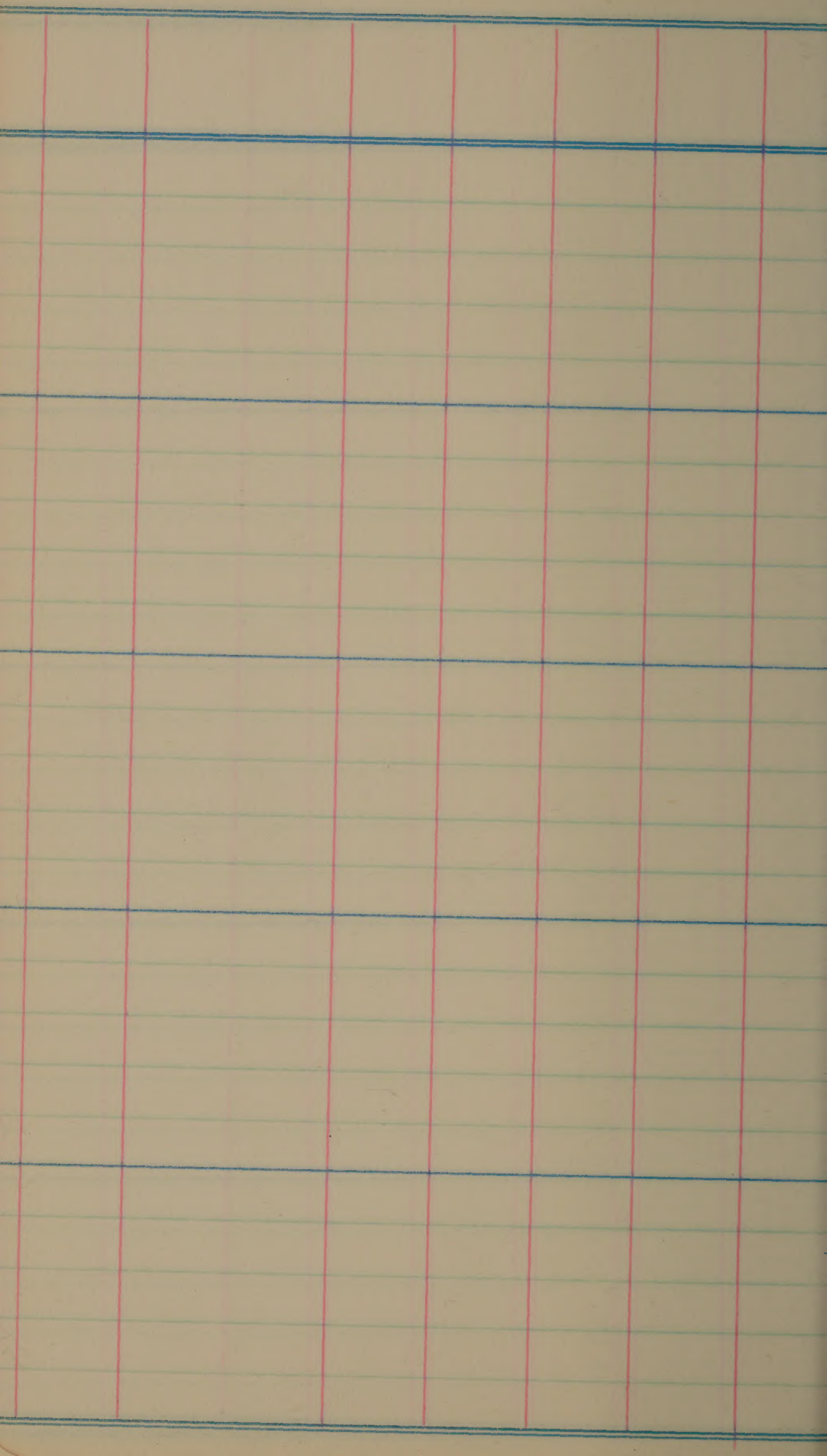


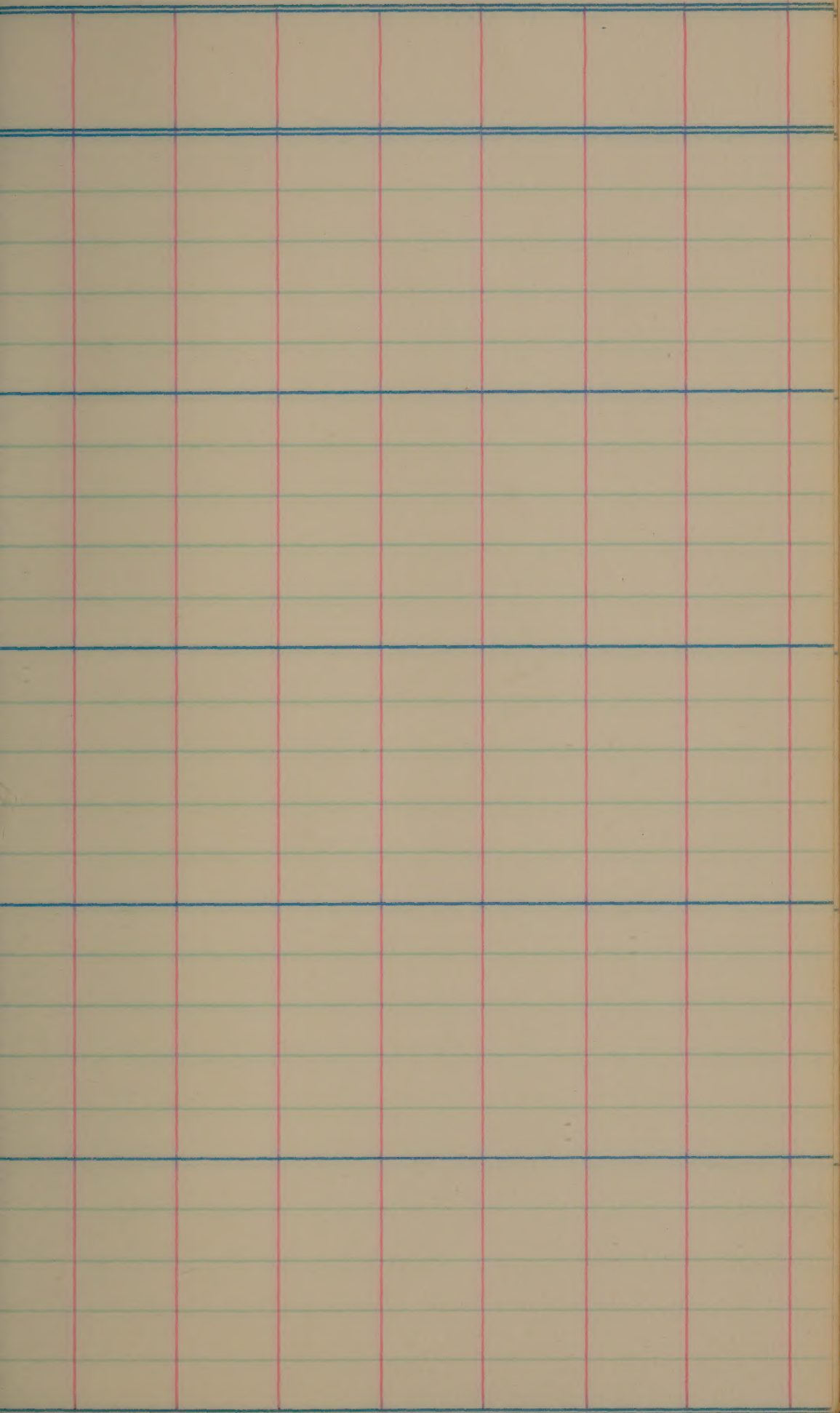


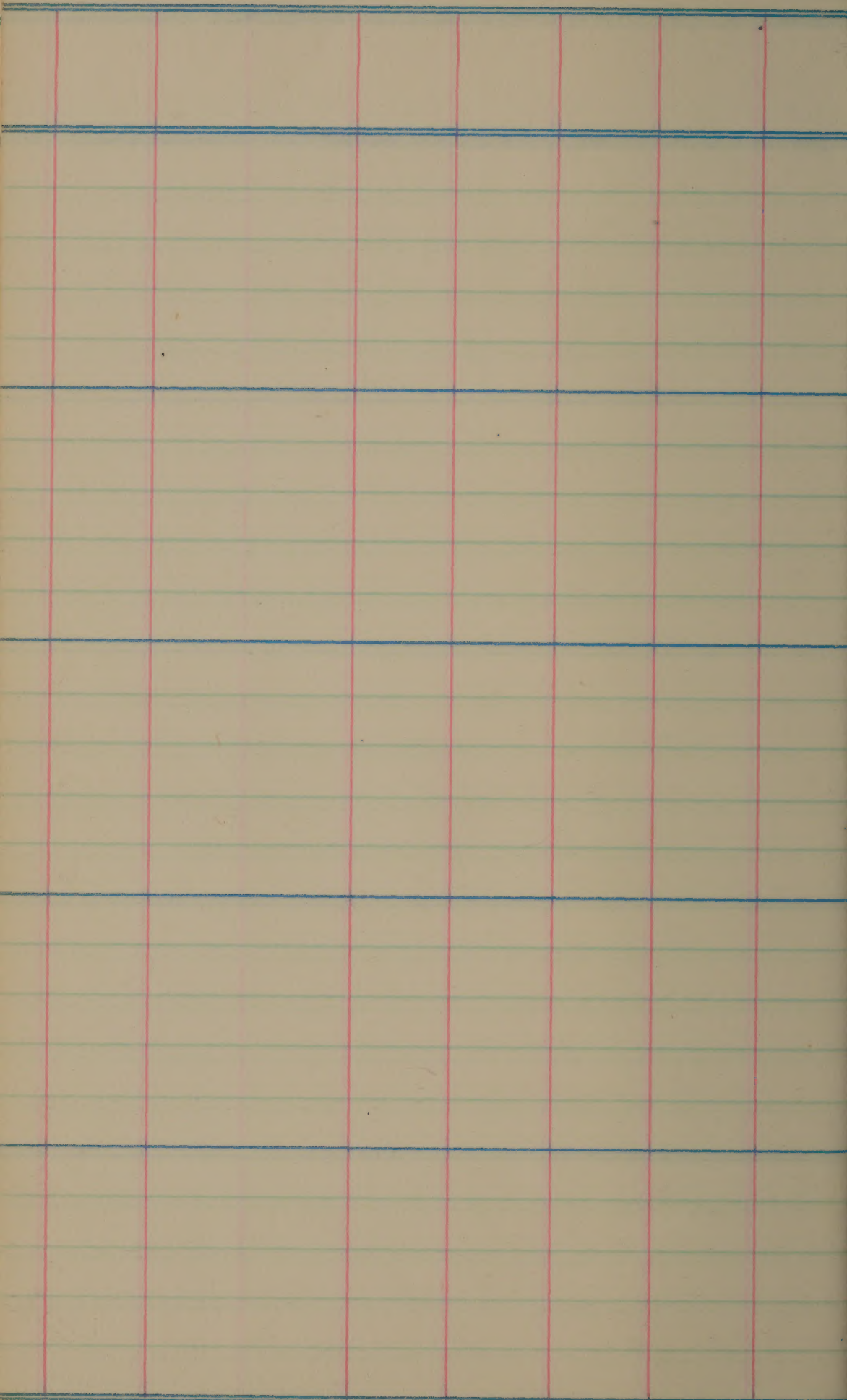


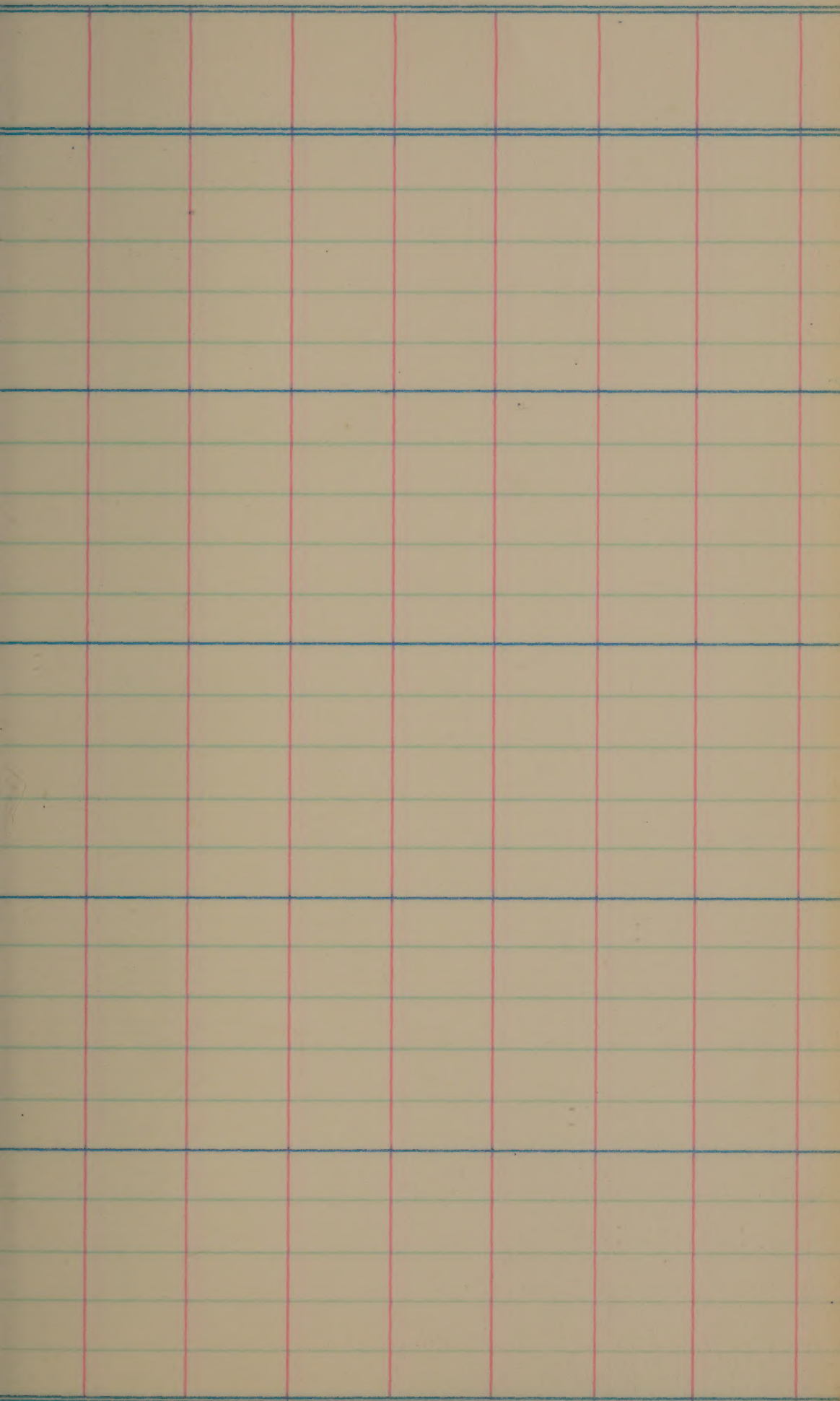


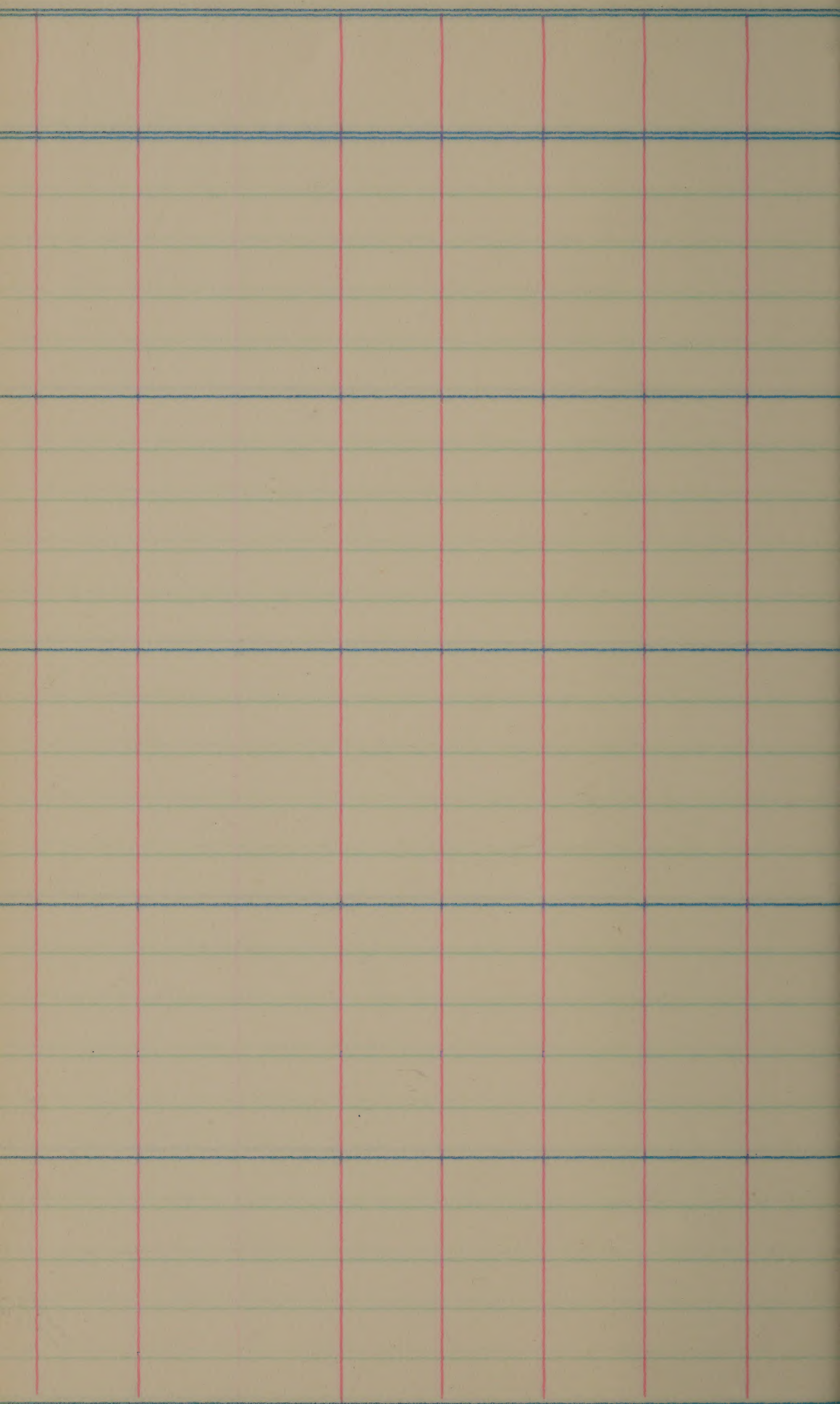


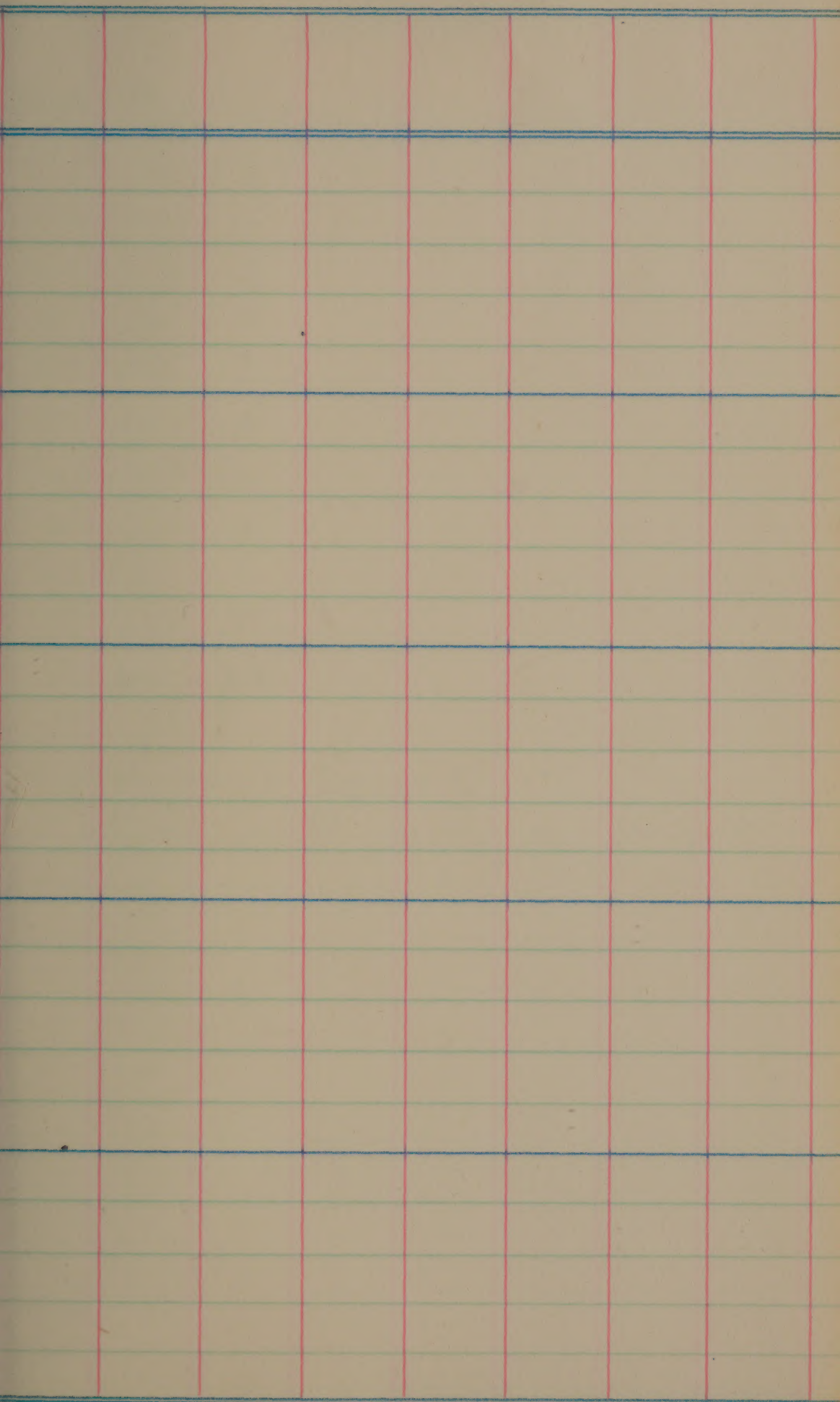


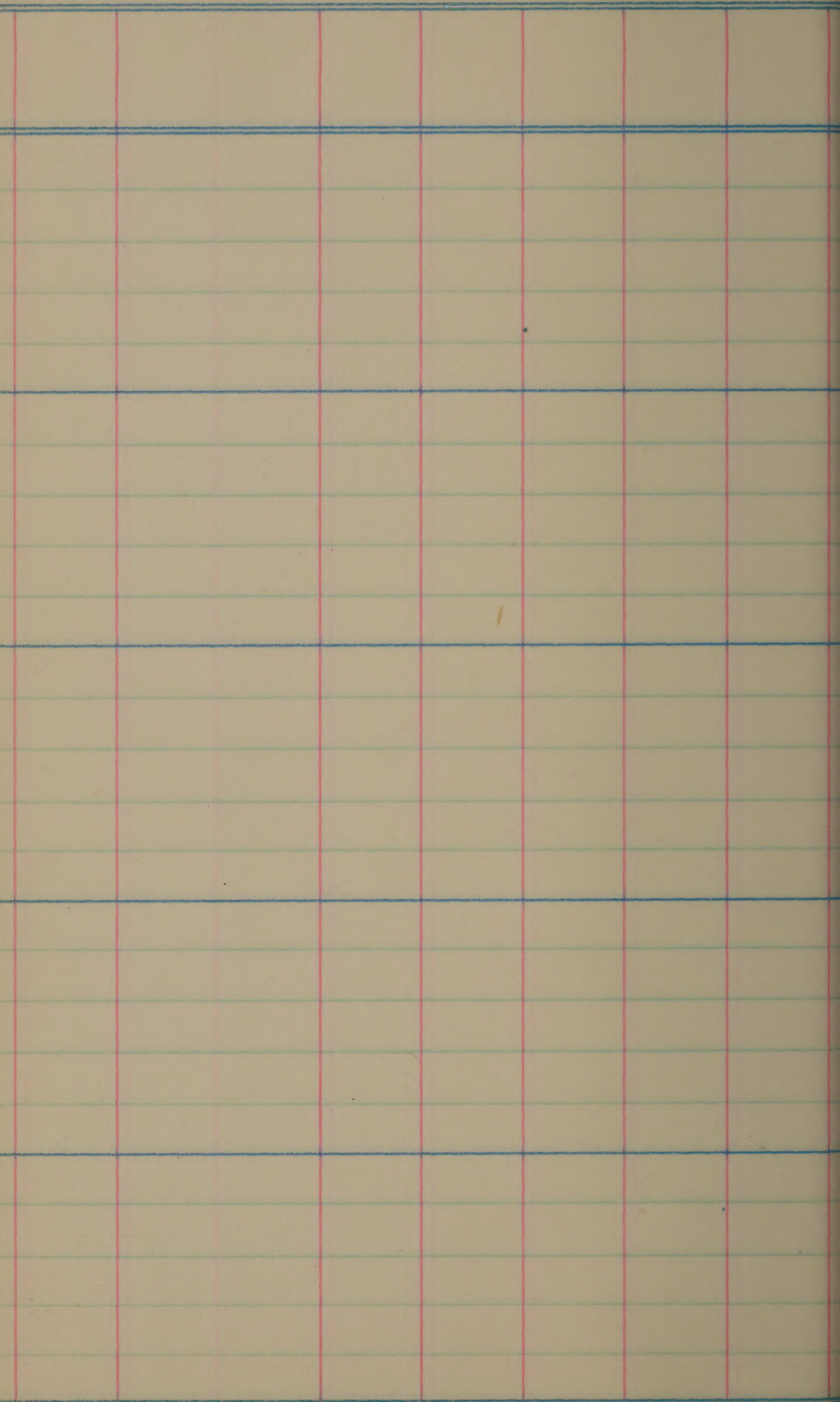


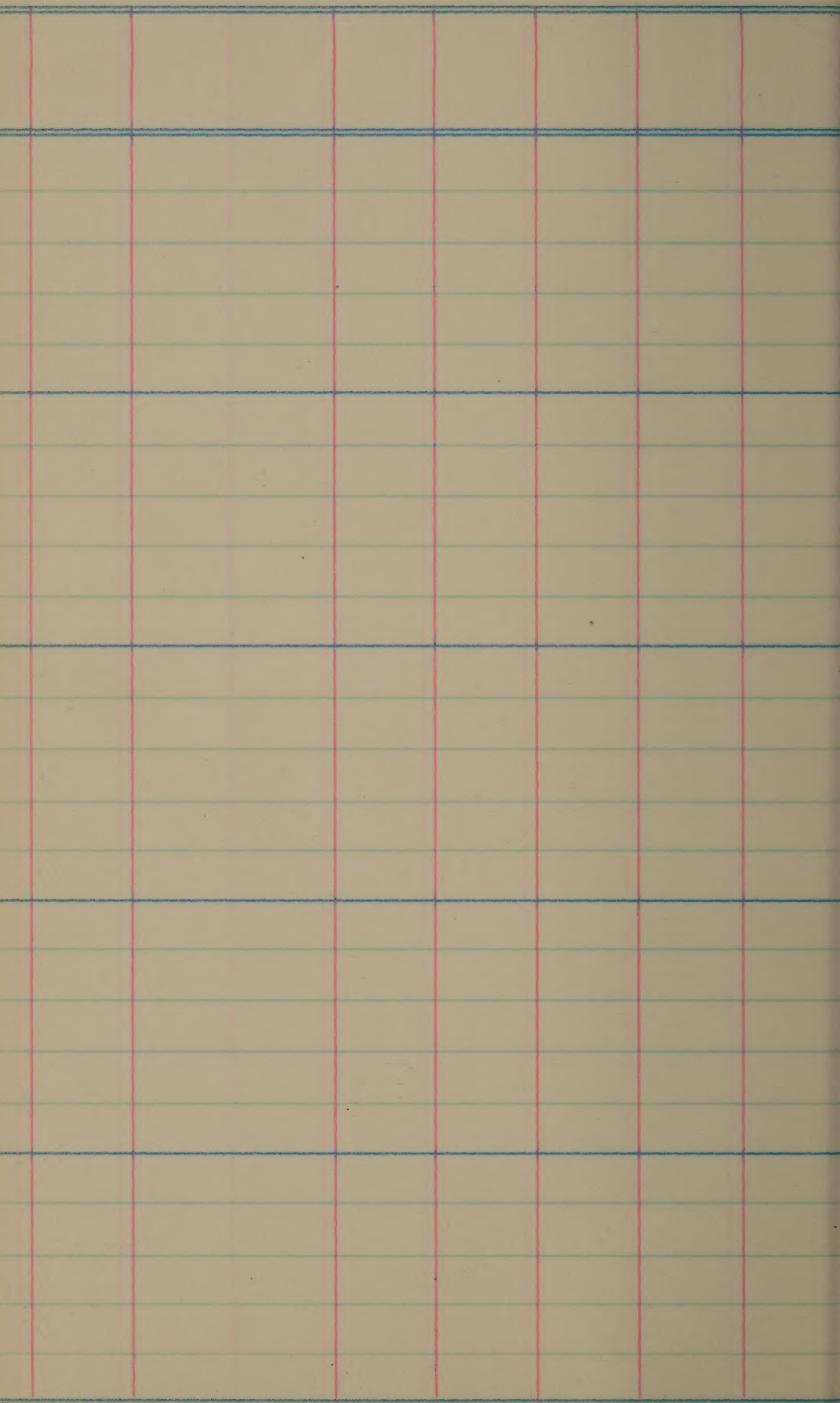












10/9/57 Toro. County, Lu.

Kernel Smt

Sample	No. Heads	No. Smt
1	10	5
2	10	1
3	10	5
4	10	0
5	10	1
6	10	1
7	10	2
8	10	4
9	10	2
10	10	2
	100	23

150 grains/panicle

about 5 smt grain per panicle.

Armore
Water Seal - May 7, 1955

1. Check		
2. N244, 4650	1 oz.	46 cc + seed coat stain
3	2	
4	3	
5	1	no ink stain
6	2	
7	3	
8 OS 1877	2 oz.	46 cc plug
9	3	
10	9	

#10, belated start.

Sta Hgart - Cullugi
white tip test.

148

Arturo - Plumb May 6

N-244 - 4070

1, 2, 3 g/b.

23, 46, 69 cc slung, beaver

N-244 - 2070

1, 2, 3 g/b.

23, 46, 69 cc slung beaver,

old 1070. 4 g/b - 69 cc

Rev 6907. 2 g/b. 46 cc

OS-1877

2, 3, 4 g/b. 46 cc oil

slung.

lock in duplicate photo

10/2/57.

CO

120

Hawkey, Ora. Tent.

Arose - MS - 3

Dry Blt. MR - 1 S - 3

Colors S - 2 S - 4

Sextonnet MS - 2 S - 3

Dry Blt X Will MR - 1 S - 2

8/2534889

Blt. 50 S - 3 S - 1

Sextonnet, Dry Blt X Will + Dry Blt.

showing some resistance to C₁₆

Others are "S" - Blt. 50, note

CP201, Arose, Arose sed.

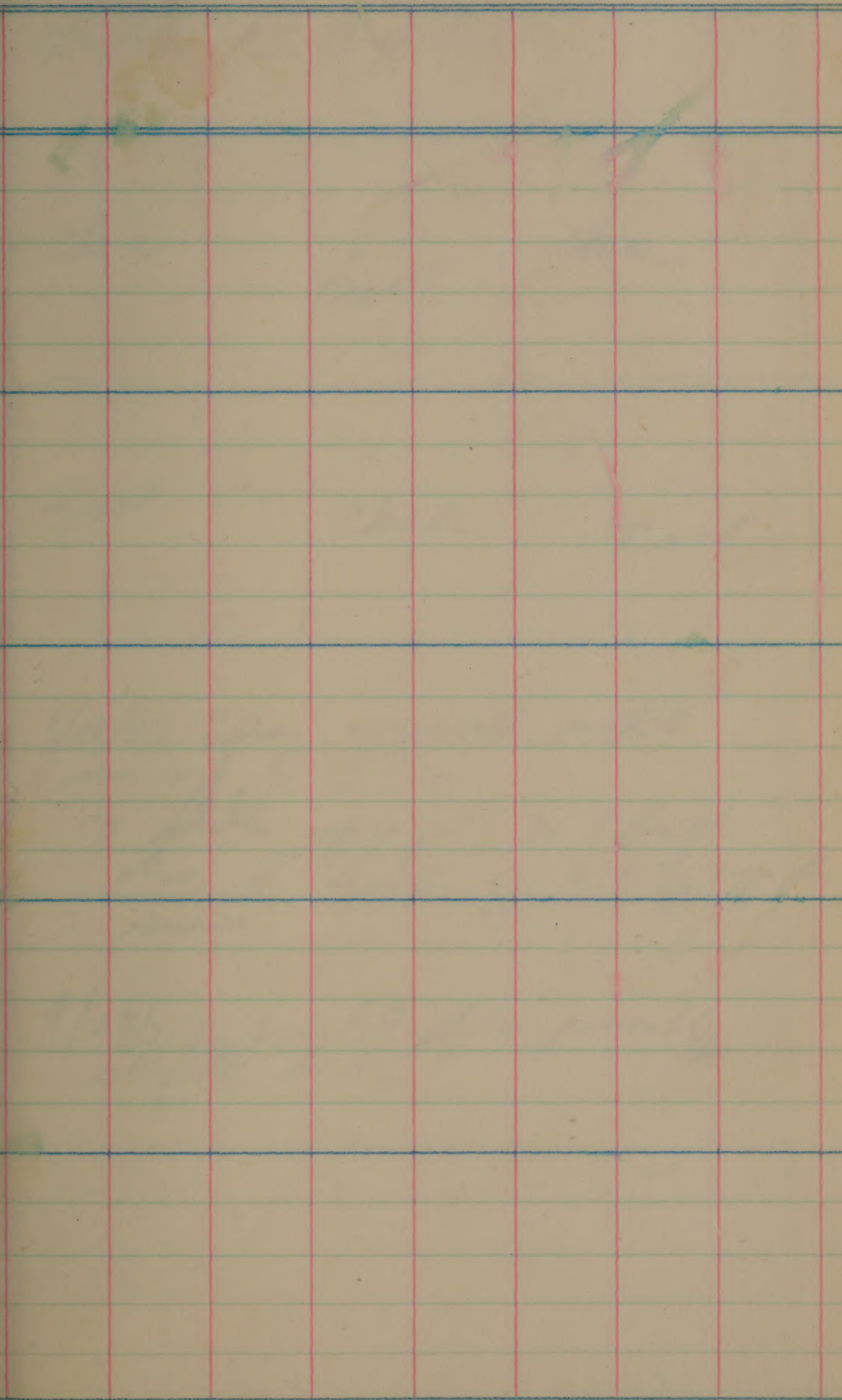
In H.S. in Blt 50.

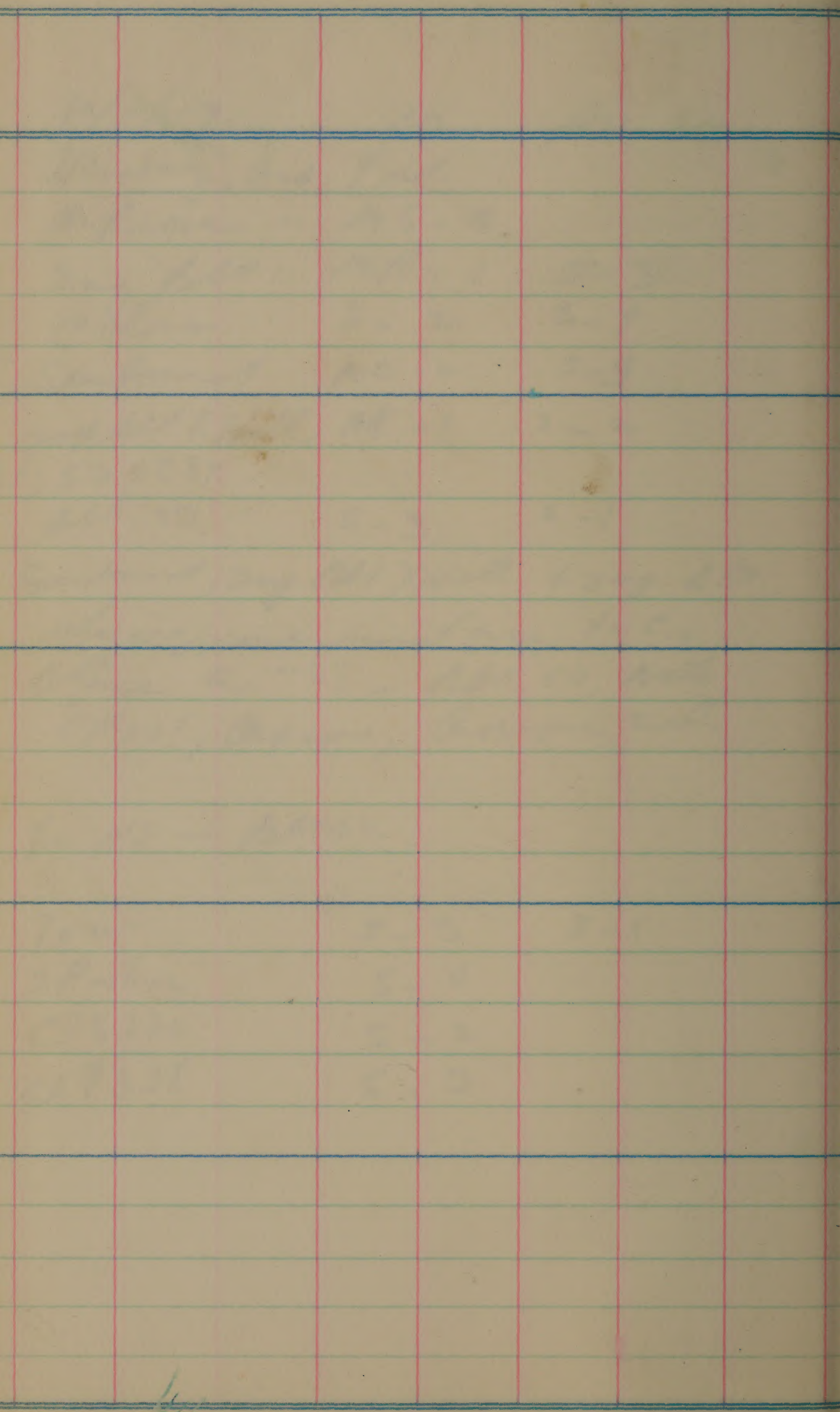
Tow S - 3 S - 1

SP-16-2 S - 4

CP8310 S - 2

CP9358 S - 3





8/16/57. P.I. Argentina.

check

Treat

check

Treat.

check

Treat.

8/16/57. Spray applied until

run off

3 plots sprayed. 3 check
also E half of 2 adjacent
rows.

8/29/57. Treated plots possibly
slightly better.

CT 9016

(B-7689) x (PR x R-5BR)

G. C. Meany
ableni.

Percy Monceaux

Toro.

Planted June 10.

80 # W. (?).

CE

Tri-X

4x5

J. J. Peck.

HOJA BLANCA

PT Dima
233,706

602 + 607.
BM.XCP 2.31 (113).
B55-6655
3 acres of 602

Beaumont hook

FC-6
(1-55)

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
Field Crops Research Branch

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

W 195777
1956

Mexico, Rio Muro.
sown Jan 7, 1956

Pancho Hu

F₁ Bmt

F₂ Mexico, 1955-56

F₃ Bmt, 1956

F₄ Mexico 1956-57

F₅ Bmt.

F₆ ? ? Mexico

- 9 = nueve - nine
 10 = diez - ten
 11 = once - eleven
 12 = doce - twelve
 13 = trece - thirteen
 14 = catorce - fourteen
 15 = quince - fifteen
 16 = dieciséis - sixteen
 17 = diecisiete - seventeen
 18 = dieciocho - eighteen
 19 = diecinueve - nineteen
 20 = Veinte
 21 = Veintiuno
 22 = Veintidos
 23 = Veintitres
 24 = Veinticuatro
 25 = Veinticinco

SAMPLE PAGE

VARIETAL TEST OF OATS, 1908

CONDITIONS OF EXPERIMENT

PLOT

Location.....Field H.
Size.....1/20 acre.

SOIL

Kind.....Prairie loam.
Position.....Somewhat rolling.
Previous crop.....Corn.

NAME AND CONDITION OF MACHINERY

Plow.....
Disk.....Osborn.....Sharp.
Harrow.....U Bar.....Good.
Seeder.....Monitor.....Good.

SEED

Variety.....Variable.
Weight per bushel.....Variable.
Source.....Variable.
Treatment.....Fanned clean and treated for smut.

SEED BED

Preparation:

1. Disked (lapped half).....4-6-'08.
2. Disked (lapped half).....4-10-'08.
3. Harrowed.....4-10-'08.
4. Harrowed.....4-27-'08.
5. Seeded.....4-27-'08.
6. Harrowed.....4-27-'08

SEEDING

Manner.....Drilled.
Date.....4-27-'08.
Rate.....3 bushels per acre by weight.

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT

PLOT

Location_____

Size_____

SOIL

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING

Manner_____

Date_____

Rate_____

	Actual, according to Calcutta's sowing plan
63x	62
70xx	69
133	131
65xxx	65
198	196
69xxxx	71
267	267
62x	62
329	329
70xx	70
399	399
63xxx	63
462	462
69xxxx	69
531	531
62x	62
593	593

267
267
51

1 - 60-62 70 153 65 198	64 - 131 132 - 196 70 65	197 - 267
-------------------------------------	--------------------------------	-----------

132 133
fig numbered in this order

268 - 329	330	399 400	462 463	531
-----------	-----	---------	---------	-----

532 - 593	594 - 647
-----------	-----------

Quadrated
B502A2-113

Quadrated B502A2-13

Mexico sub
F3 from 1955-56
- nursery

Fertilization:
about Feb 17, check then

400 Kilos per hectare

20% Ammonium sulphate

It was difficult to follow the rows in field and on first tier it was noted that CP231 check rows were falling on 121 instead of 120. The samples were so numbered starting with 120. all CP231 checks were low. to determine iodine as a check of identity starting about 330 the numbers on tags are off one number and then 380. above 382 the correct numbers appear on tags.

The TPx Dwarf families show many V. short rows & look V. promising. A few plants found which appear to be as early as BBT but most are ~~late~~ late.

Rexro, BBT back cross & Rex are promising. some rows shorter & earlier than BBT 50, Excellent grain types. Wotik

Picture in Mexico
• Thaliscoyan

2nd tier, 1st block. TP back cross &
CP 231 check (Row 300)

Row 1283

~~Headquarters~~

Veracruz Square

Row 360 (CP 231 on right)

new roll 2 pictures

Row 62 is on right

3. B&S 50 row 420

4. Row 629

5.

Suggested that they grow
just the most desirable looking
varieties of the 1000 var test sent
down several years ago. ^{no notes}
were taken on this test. ^{Did not take any notes?} Notes were
taken on the 440 var. test. Jose
wanted to grow the 1000 var test
but I suggested that they grow
a limited number. Jose wants to
maintain ^{visible} seed of these nurseries.

Do we need seed of any of the
varieties grown in these nurseries?

Jose wants to conduct fertilizers,
weed control, rate seeding +
row spacing expts. on upland
conditions.

Have 28 CP231 backcross families.
Try to get water uptake on these before
seeding.

Send Calaguta Cruz the
P.C.H. Spanish - English mem
orandum report.

also find out about the Spanish
edition of World Rice or Rice Journal
Rice variety bulletin in Spanish.

(F4) 1	B55106A27-1-1, CP231XF, (CP231X B502A2-1)	1456 no	VS	10,057
2	200 grams	"	Segr	✓
3	-2	"	Segr	✓
4	-3	"	Segr	✓
5	-4	"	S	✓
6	-5	"	S	✓
7	-6	"	Segr	✓
8	-7	"	not here	10,072
8	B55106A30-1-1,	"	S	

mostly early, 1 good CP types, 10,072
later.

CP231 = 80%

8

BBY x CP231

B502A2-113

B502A2-154

Fixed line $F_6 = 20\%$

Volume

F_1

F_3 Row

49

18

$F_1 = 45-55$

Sh. Hand.

CP231 = Luse.
(BBY x CP231) = R.

"

(F/CP201 B502A) x CP231

V. good grain shape & size, watch.

"

"

"

"

"

49

17

9	F ₄ , B55106A30-1-2, CP231x F ₁ (CP231x B502A2-13-1)	Segr	10,072
10	-3,	" Segr	✓
11	-4,	" Segr	✓
12	mostly late -5,	" Segr	✓
13	mostly late -6,	" VS	✓
14	-7,	S-VS	✓
15	F ₄ -B55106A30-4-1,	4 336 gms S-VS	10,075
16	F ₄ -B55106A30-4-2,	" Segr	✓

juveniles but more late plants than 10,057

Zodmie

F1

F3 Row

49

17

"

"

"

"

"

39

17

"

Table

1. ~~Residuals~~ (1981-1982) VS

10 7 10 ✓

11 7 10 ✓

12 7 10 ✓

13 ~~Residuals~~ (1981-1982) VS

14 7 10 ✓

15 7 10 ✓

16 7 10 ✓

~~1/2~~
~~1/2~~
~~1/2~~
~~1/2~~

August 1900

1/2

~~1/2~~
~~1/2~~

01
✓ 25 F4-B55106A30-7-1, CP231 x F1 (CP231 x B502A2-113-1) 10,078

255 gms
segr

✓ 26 -2, ✓
segr

✓ 27 -3, ✓
segr

✓ 28 -4, ✓
early one plant not fl segr

29 -5, ✓
segr

30 -6, ✓
segr
treinta
thirty

31 -7, ✓
segr
or
V. good C
seed as early as possible

F4-B55120A13-4-1, CP231 x F1 (CP231 x B502A1-113-1)
32 3 10,106
110 gms

2nd line
 F1
 F3 Row
 39
 17

"

"

"

"

"

"

longer than CP2 3/

45
 16

sh 12

F4-B55120A13-4-2, CP231XF, (CP231 x B502A2-113-1)

33 S 10,106

34 -3, S ✓

35 -4 S ✓

36 -5, S ✓

mammalian, as early as CP231
good family

F4-B55120A13-6-1,

37 S 10,108
194 gms

38 -2, S ✓

39 -3, S ✓

40. CP231, check
shows more bird damage than sets,
prob more early birds.
Cuarenta

2nd mi

$$\begin{array}{r} F1 \\ \hline F3ROW \\ 45 \\ \hline 16 \end{array}$$

"

"

"

$$\begin{array}{r} 45 \\ \hline 18 \end{array}$$

"

"

stop

F4-B55120A13-6-4, CP231x F, (CP231x B502A2-113-1)

S

10,108

41

a few more prob. taller & later than CP

-5,

S

✓

42

-6,

✓

43

-7,

✓

44

-8,

✓

45

a few more prob. taller & later than CP
and v. good

F4-B55120A13-14-1,

"

46

233 gms

10,116

-2,

✓

47

start here

a good CP type family

-3,

✓

48

2nd line
F1
F3 Row
45
18

"

"

"

"

45
64

"

"

62

F4-B55/20A13-14-4, CP23/xF, (CP23/xB502A2-113-1)
 43 10,116

50 -5, " ✓

51 -6 " ✓

F4-B55/20A13-15-1,
 52 " 10,117
 170gms

53 -2, " ✓

54 -3, " ✓

55 -4, " ✓

56 -5, " ✓

a.v. good family, most was B c pld.
 1 mature

Iodine

F₁F₃ROW

45

64

"

"

45

67

"

"

"

"

57 F4-B55120A13-15-6, CP231x F1 (CP231x B502A2-113-1)
10,117

58 -2, " ✓

59 F4-B55120A14-9-1, " ✓
10,127
223 gms

60 CP 231, check CHECK

resenta

61 F4-B55120A14-9-2, CP231x F1 (CP231x B502A2-113-1)
10,127

62 -3, " ✓
all as early as CP or earlier

63 -4, " ✓
no teeth, V. good

64 5, " ✓

TODINE

F1

F3ROW

45

17

"

41

20

41

20

"

some short flogs

"

"

65 F4-B55120A14-9-6, CP231XF, (CP231XB502A2-113-1)
10, 127

66 F4-B55120A15-1-1, 11
10, 133
252 gms

67 -2, 11 ✓

68 mostly late
-3, 11 ✓

69 -4, 11 ✓

70 -5, 11 ✓

71 late row -6, 11 ✓

72 ~~late row~~ -7, 11 ✓

some late plants + some late row

Iodine

$$\begin{array}{r} F1 \\ F3 Rdx \\ 41 \\ \hline 20 \end{array}$$
$$\begin{array}{r} 38. \\ \hline 15 \end{array}$$

"

"

"

"

"

"

73 F4-B55120A15-1-8, CP231x F, (CP231x B502A2-113-1)
late row 10,133

74 F4-B55120A15-2-1, " 10,134
207 gms

75 -2, " ✓

76 -3, " ✓

77 -4, " ✓

78 -5, " ✓

79 -6, " ✓

80 CP231, check

CHECK

Iodine

 F_1 F_3 Row 38

15

 38

17

"

"

"

"

"

F4-B55120A15-2-7, CP231xF, (CP231xB502A2-113-1)

81

10,134

82

-8,

"

✓

F4-B55120A15-3-1,

✓ 83

"

10,135

185gms

84

-2,

"

✓

late no

✓ 85

-3,

"

✓

about like 10,137

✓ 86

-4,

"

✓

some taller & later than CP

87

-5,

"

✓

no late

88

-6,

"

✓

late

Iodine
FI
F3Row
38
17

38
15

81
F4-B55120A15-3-7, CP231x F1 (CP231x B502A2-113-V)

10,135

✓ 89

✓ 90

-8,

"

✓

91

late

-9,

"

✓

✓ 92

F4-B55120A15-5-1,

"

10,137

250 gms

✓ 93

-2,

"

✓

94

late

-3,

"

✓

✓ 95

-4,

"

✓

✓ 96

-5,

"

✓

about like other families, many plants of CP 1st + mist

TODINE

F1
38 F3 Row
15

"

"

38
19

"

"

"

"

F4-B55120A15-5-6, CP231xF, (CP231XB502A2-113-1)
97 10, 137

98 -7, " ✓

99 -8, " ✓

100 CP231, 2 Check CHECK

101 F4-B55120A15-9-1, CP231xF, (CP231XB502A2-113-1)
10, 142
304gms

102 -2, " ✓

103 -3, " ✓

104 -4, " ✓

Sl, take them CP231, some plants
like them CP

Iodine

Fi
FSRow
38
19

"

"

38
17

"

"

"

08
105

F4-B55/20A15-9-5, CP231 x F, (CP231 x B502A2-113-1)

10,142

has elongated pencil, 1/2 inch
group at base, should be
good character.

106

-6,

"

✓

107

-7,

"

✓

108

-8,

"

✓

109

-9,

"

✓

110

-10,

"

✓

111

F4-B55/20A15-10-1,

"

10,143

176 gms

112

-2,

"

✓

Iodine

F1

F3 Row

38

17

"

"

"

"

"

38

17

"

113	F4-B55120A15-10-3, CP231xF, (CP231xB502A2-113-1)			10,143
114	Prob. sh. taller than CP231, some plants later than CP.	4,	"	✓
115		-5,	"	✓
116		-6,	"	✓
117		-7,	"	✓
118		F4-B55120A15-12-1,	"	10,145 136 gms
119	v. late	-2,	"	✓
120	CP231/2 check late row, 121 prob the cp check Error in numbering starts about this time			

CHECK

Iodine

F₁38 F₃ Row

17

"

"

"

"

38 / 18

"

panicles hv. do not look like c.p. OSI
 v. good grain shape, pr apen on some

V. late are cleaner than BBT 50

121	F4 B55/20A15-12-3, CP23/x Fi(CP23)x B502A2-113-1) V. late,			10,145
✓122		-4,	"	✓
✓123	late	-5,	"	✓
✓124		-6,	"	✓
125	late	-7,	"	✓
126	late	-8,	"	✓
✓127	F4-B55/20A30-6-1,		"	10,168 172 gms
✓128		-2,	"	✓

Iodine

F₁F₃ Row

38

18

"

"

"

"

"

49

18

"

F4-B55120A30-L-3, CP231 x F1 (CP231 x B502A2-113-1)

10/68

✓129				
✓130		-4,	"	✓
✓131	let them CP231	-5,	"	✓
✓132		-6,	"	✓
✓133		new block-7, (2nd 1st tier)		✓
✓134	some shorter V. good rows	-8,	"	✓
✓135		-9,	"	✓
		last row worked		
✓136		-10,	"	✓

Iodine

F_1
F_3 Row
49
18

"

"

"

"

"

"

"

✓137

F4-B55120A30-6-11, CP231x F1 (CP231x B502A2-113-1)

10, 168

138

F4-B55117A18-12-1,

"

10, 206

60gms

139

-2,

"

✓

✓140

CP231, check

check

141

F4-B55117A18-12-3, CP231x F1 (CP231x B502A2-113-1)

10, 206

✓142

-4,

"

✓

✓143

-5,

"

✓

✓144

F4-B55133A16-12-1, CP231x F1 (CP231x B502A2-154-1)

10, 236

220gms

no tally than CP231 v. good, some rows appear slanted to
✓ consider than CP231 v. good

Iodine

F ₁
F ₃ Row
49
18

41
19

"

could be CP231 from appearance of
panels hr.

41
19

"

"

48
19

F4-B55133A16-12-2, CP231XF1 (CP231XB502A2-154-2)

10, 236

✓145

✓146

✓147

✓148

✓149

✓150

151

152

Badly damaged by birds so some early plants
not present. Also appears taller than other lines
but no taller than CP231 check now. V. good

-3,

-4,

-5,

-6,

-7,

-8,

-9,

"

"

"

"

"

"

"

✓

✓

✓

✓

✓

✓

✓

Jodine

F₁F₃ Row

48

19

"

"

"

"

"

longer grain than CP

"

"

✓153	F4-B55133A16-12-10, CP231X F, (CP231XB502A2-154-2)	10,236
	shorter row + not as early, others	
✓154	-11,	✓
155	-12,	✓
✓156	-13,	✓
✓157	-14,	✓
158	-15,	✓
159	F4-B55133A16-14-1,	10,238 220gms
✓160	CP231, check	CHECK

Iodine

F₁F₃ Row

48

19

"

"

"

"

"

48

17

"

161 F4-B55133A16-14-2, CP231x F, (CP231x B502A2-154-2) (F60/F7)
(BR7YCP23)
 10,238

162 -3, " ✓

163 -4, " ✓

164 -5, " ✓

165 -6, " ✓

166 -7, " ✓

167 -8, " ✓

168 -9, " ✓

all are about CP left + mostly early - uniform

short bit

Iodine

 F_1 F_3 Row

48

17

"

"

"

"

"

"

"

✓ 169 F4-B55133A19-2-1, CP231x F1(CP231x B502A2-154-2

10,243

207 gms

✓ 170 -2, " ✓

✓ 171 -3, " ✓

✓ 172 -4, " ✓

✓ 173 -5, " ✓

174 -6, " ✓

175 -7, " ✓

→ The straw hulled row was 175 at E. Lake in 1957

176 F4 B55133A19-5-1,

"

141 gms

10,245

a natural cross or Rogue
all straw hulled should they be
here. may be off one row starting
about 133 ? → 120

Iodine

F1

F3 Row

40

18

"

"

"

"

"

"

40

16

177	F4-B55133A19-5-2, CP231 x F(CP231 x B502A2-154-2)	10,245	
178	-3,	"	✓
179	-4,	"	✓
180	CP231,2 check	CHECK	
	may be off one row or reversed?		
181	F4-B55133A19-5-5, CP231 x F, (CP231 x B502A2-154-2)	10,245	
	This looks like CP231		
182	-6,	"	✓
183	-7,	"	✓
184	-8,	"	✓

Iodine

 F_1 F_3 Row

40

16

"

"

40

16

"

"

"

✓ 185 F4-B55133A19-5-9, CP231 x F1(CP231 x B502A2-154-2)
10,245

✓ 186 -10, " ✓

187 -11, " ✓

188 -12, " ✓

189 F4-B55133A19-8-1, " 10,248
178 gms

190 -2, " ✓

191 -3, " ✓

192 -4, " ✓

Prob. no taller than CP231.
Some plants later than CP231

a tall family + prob. all later
than CP231. some lodging

DODINE

$$\begin{array}{r} F_1 \\ \hline F_3 \text{ Row} \\ 40 \\ \hline 16 \end{array}$$

"

"

"

$$\begin{array}{r} 40 \\ \hline 16 \end{array}$$

"

"

"

193

F4-B55133A19-8-5, CP231x F, (CP231x B502A21542
10,248

194

-6

"

✓

195

-7

"

✓

196

F4-B55133A33-7-1,

"

10,310
122 gms

✓ 197

-2,

"

✓

✓ 198

-3,

"

✓

199

-4,

"

✓

no further CP check
✓ good

✓ 200

CP231, check

CHECK

TODINE

F1
F3ROW
40
16

"

"

48
16

"

"

"

201

F4-B55133A33-7-5, CP231XF, (CP231XBS02A2-154-2)

10,310

202

These rods are taller than CP

-6,

"

✓

203

-7,

"

✓

204

F4-B55107A2-7-1,

"

10,326
240 gms

205

↑

-2,

"

✓

206

-3,

"

✓

207

tall

-4,

"

✓

208

Tall
a tall family

-5,

"

✓

2nd line

FI	FS Row
48	16

"

"

38	18
----	----

"

"

"

"

209

F4-B55107A2-7-6, CP23/XFi(CP23/XB502A2-154-2)

10,326

210

-7,

"

✓

211

F4-B55107A 4-11-1,

"

181 gms 10,346

212

-2,

"

✓

213

-3,

"

✓

214

Box

-4,

"

✓

215

Box

-5

"

✓

216

-6

"

✓

2nd me

F1

FSRow

38

24

"

37

15

"

"

"

"

"

217

F4-B55107A4-11-7, CP231xF₁ (CP231xBS02A2-154-2)
10,346

218

F4-B55107A11-8-1,
" 10,358

219

-2,
" ✓

✓220

CP231, check CHECK

✓221

F4-B55107A11-8-3, CP231xF₁ (CP231xBS02A2-154-2)
173 gms 10,358

✓222

-4,
" ✓

✓223

-5,
" ✓

✓224

-6
" ✓

a rather well family, not as good as others

IodINE
FI
F3Row
37 15

46
17

"

46
17

"

"

"

✓225	F4-B55107A11-8-7, CP231x Fi (CP231 x B502A2-154-2)			10,358
226	F4-B55107A12-10-1,	"	139 gms	10,377
✓227	-2	"		✓
✓228	-3,	"		✓
✓229	-4,	"		✓
✓230	-5,	"		✓
✓231	-6	"		✓
✓232	-7,	"		✓

as tall as C for eachier. v. good,

Index

F1
F3 Row
46
 17

40
 17

"

"

"

"

"

"

✓233 F4-B55107A12-11-1, CP231x F1 (CP231x B502A2-1542)
238 gms 10,378

✓234 This family has short plate then
CP231, watch for short flog in the family
-2, " ✓

✓235 -3, " ✓

✓236 -4, " ✓

✓237 -5, " ✓

✓238 -6, " ✓
~~Has many~~
many short flogs

✓239 -7 " ✓
Has very short flog leaves.
Shorter than CP231 ~~isolated~~

✓240 CP231, 2C B & C K CHECK

Dedline

F1

40 F3Row

16

"

"

"

"

"

"

✓ 241 F3-B5481A11-1, TPx F, (CP231xTP)
 Prob CP231, 20 to 240 1248
 24/sample number is actually 240.
 numbers above 241 are O.K.

✓ 242 -2, " ✓
 start here

+ 243 -3, " ✓

+ 244 -4, " ✓

✓ 245 -5, " ✓

✓ 246 F3 B548/A21-1, " 1252

✓ 247 -2, " ✓

✓ 248 -3, " ✓

F/
20dura
18

sample 24/A is actually 241.

22

✓ 249	F3 B548/A2H-4,	TP x F, (CP231 x TP)	1252
✓ 250	-5,	"	✓
✓ 251	-6,	"	✓
✓ 252	-7,	"	✓
✓ 253	-8,	"	✓
✓ 254	-9,	"	✓
✓ 255	-10,	"	✓
✓ 256	F3-B548/A22-1,	"	1253

are v. early rows with occasional late plant, which appear sl. taller & not as sturdy as previous years. One of earliest families

late row

late row

F1
2nd me
22

14

✓ 257 F3-B548/A22-2, TP x F, (CP231 x TP) ✓ 1253

✓ 258 -3, " ✓

✓ 259 -4, " ✓

✓ 260 CP 231, 2 check CHECK

✓ 261 F3-B548/A22-5, TP x F, (CP231 x TP) ✓ 1253

✓ 262 F3-B548/A31-1, " 1256

263 -2, " ✓

264 -3, " ✓

F1
Volume
14

14

19

265	F3-B548/A31-4,	TPxF,(CP231XTP)	1256
266	-5,	"	✓
267	F3B548/A32-1,	"	1257 V.E.H.R. HV 9/6
✓268	starts second -2, her	"	✓
✓269	-3,	"	✓
✓270	-4,	"	✓
✓271	-5,	"	1257 1257 HV 10/5
✓272	-6,	"	✓

one shot hit + a few feathers scattered through most of row

$TP = 170 \text{ days} (1890)$

FI
2nd me

$CP231 = 120 \text{ } (8090)$

19

28

28

✓ 273	F3, B548/A32-7,	TP x F1 (CP231 x TP)	1257 H. 10/5
✓ 274	like 268, et al	-8,	" ✓
✓ 275		-9,	" ✓
✓ 276	F3, B548A32-10,	"	1257 LATE H. 10/23
✓ 277		-11,	" ✓
✓ 278	all late plants Sand & few green beds and later taller & more vigorous	-12,	" ✓
✓ 279		-13,	" ✓
280	CP231, 2 CHECK 20 CP231		CHECK

F!
2odme

28

28

F3 B548/A32 -14,

TPx F₁ (CP23/xTP)

✓281

late row.

1257

LFIE

10/23

✓282

B548/A33-~~15~~,
sign E1 L

"

1258

✓283

v-16,

"

mostly early row

✓284

-3-18,

"

285

v late row -4-18,

"

✓286

late -5-18,

"

✓287

F3-B548/A41-1,

"

1264

✓288

This family sign E & L
E are v good sturdy
plants. Some rows
are more later than
others

-2,

"

✓

F1
2nd line
28

14

15

F3-B5481A41-3,

TPxF, (CP23/xTP)

✓289

1264

✓290

-4,

"

✓

✓291

-5,

"

✓

F3-B5481A42-1,

✓292

"

1266
1266

✓293

-2,

"

✓

✓294

-3,

"

✓

✓295

-4,

"

✓

✓296

-5,

"

✓

as very late family, an occasional
bird sang but on a green side
no npe

F1
2nd me
15

22

44
297 F3-B548/A43-1, TPxF, (CP231xTP) 1268

298 -2, " ✓

299 -3, " ✓

300 CP231, Check CHECK
Do CP231

301 F3-B548/A43-4, TPxF, (CP231xTP) 1268

302 -5, " ✓

303 F3, B548/A44-1, " 1270

304 -2, " ✓

Tella, Vlety & more.
negotiate than previous
family

all too late

F1
2ndme

13

13

12

F3-B5481A44-3,

TP x F, (CP23) x TP)

1270

305

306

307

308

309

310

311

312

-4,

"

✓

-5,

"

✓

-6,

"

✓

-7,

"

✓

-8,

"

✓

-9,

"

✓

-10,

"

✓

all too late, a new lot family no size buds on May 29.

F1
2nd line

12

✓313	F3548/A51- 1,	TPxF(CP231xTP)	1275
------	---------------	----------------	------

✓314	-2,	"	✓
------	-----	---	---

✓315	-3,	"	✓
------	-----	---	---

✓316	-4,	"	✓
------	-----	---	---

✓317	-5,	"	✓
------	-----	---	---

✓318	F3-B548/A52 -1,	"	1276
------	-----------------	---	------

✓319	-2,	"	✓
------	-----	---	---

320	CP231, check	CHECK	
	20 CP231		

F1
2odmi

17

10

F3-B548/A52-3,

TP x F1 (CP231 x TP)

✓321

1276

✓322

-4,

"

✓

✓323

-5,

"

✓

F3-B548/A61-1,

✓324

"

1278

✓325

-2,

"

✓

✓326

-3,

"

✓

✓327

-4,

"

✓

✓328

-5,

"

✓

a rather late young, no eye beads
on 3/29 but some a few minutes
beads. Tail & wings

F1
2ndme
10

19

✓ 329 F3-B5481A62-1, TP x F, (CP231 x TP)

1280

numbers OK to this point.

✓ 330 new black-2, starts
Watch, only a partial row
no ripe

"

✓

✓ 331 -3,
no ripe

"

✓

332 -4,
no ripe

"

✓

333 -5,
ripe

"

✓

✓ 334 F3-B5481A63-1

"

1284

If sample labeled 334 has
v. immature heads this is where
we got it. 334 should have only
3 or 4 heads & they are well matured

✓ 335 -2,

✓

✓ 336 -3,

✓

mostly early plants, prob
sl. taller than CP but v. good
Thin stands

F/
Lodme

19

47

→ 334 had 3 well matured heads, no queen in
hulls or stems, HMB June 17th ✓

✓337	F3-B5 ⁴ 8/A63-4, TPx F, (CP231 x TP)	1284
------	---	------

✓338	-5,	"	✓
------	-----	---	---

339	-6,	"	1287 1288
	no npe		

340	CP231, Check 2d CP231	CHECK	
-----	--------------------------	-------	--

341	F3-B5 ⁴ 8/A64-1, TPx F, (CP231 x TP)	1288
	no npe	

342	-2,	"	✓
	no npe		

✓343	-3,	"	✓
	few npe		

344	-4,	"	✓
	no npe		

a very late family, some rows earlier than
other, however. Some plants not needed.

F1
Lodme

47

14

14

345 F3 B5481A81-1, TP x F1 (CP231 x TP)

1289

346 -2

"

✓

347 -3

"

✓

348 -4

"

✓

349 -5

"

✓

1/350 F3 B5481A82-11

"

1293

✓351

"

✓

✓352

"

✓

mostly early flower
this population, some at
are very good but
variation -13
not taller & not as sturdy as CP231

F1
Lodnie
15

21

✓ 353 F3 B548/A82-1, TP x F1 (CP231 x TP) 1293

✓ 354 -15 " ✓

✓ 355 F3 B548/A55-1, " 1295

✓ 356 -2, " ✓

✓ 357 -3, " ✓

✓ 358 F3, B548/A82-1, " 1298

✓ 359 -2, " ✓

✓ 360 CP 231, check appears to be CP 231 CHECK

may be off at this point, check values
360 x 361

Took picture of row 360

F1
Lodnie

21

17

23

Sample labelled 360 may be 36

✓ 361	F ₃ , B548/A82-3, TP x F ₁ (CP231 x TP)			1298
✓ 362	Like 1298 family, then 365 a few more midpiece plates done 365. V good family	-4,	"	✓
✓ 363		-5,	"	✓
✓ 364		-6,	"	✓
✓ 365		-7,	"	✓
✓ 366		-8,	"	✓
✓ 367		-9,	"	✓
✓ 368		-10,	"	✓

F1
20 June

23

✓369	⁴⁵ F3, B548/A 42 -1, TP x F1 (CP23/x TP)			1300 1300
✓370	-2,	"		✓
✓371	-3,	"		✓
✓372	-4,	"		✓
✓373	-5,	"		✓
✓374	F3, B5 48/A 55-1,	"		1303 1303
✓375	-2	"		✓
✓376	-2	"		✓

This family cl. late than previous ones
 has a few late plants present

F1
2nd line

23

34

✓ 377	F3, BS48/A55-4, TP x FI (CP231 x TP)	1303	✓
✓ 378	-5	"	✓
✓ 379	-6,	"	✓
✓ 380	CP 231 20 CP 231	CHECK	
✓ 381	shorter than adjacent 379 F3, BS48/A55-7, TP x FI (CP231 x TP) labeled 380 on tag	1303 1303	
✓ 382	-8,	"	✓
✓ 383	-9,	"	✓
✓ 384	-10,	"	✓

a very good family for early plants, same as top wild

F₁
2nd me

34

34

✓385 F3, B5481 A 54-1, TP x F. (CP231 x TP) 1308

386 -2, show like ✓

387 -3, study ✓

388 -4, very early family, previous family ✓

389 -5, ✓

390 F3, B5481 A 72-1, ✓ 1310

391 -2, ✓

392 -3, ✓

This family too tall & dark
show is leaning, a very
uniform family, very dark
flesh drop

F1
2nd me
41

393

F3, B5481A72-4, TPx F, (CP231 x TP)

1310
1310

394

-5,

"

✓

395

F3 B55136A1-BBt 50 x F, (BBt 50 x H0341)

1441

396

-2

"

✓

397

-3

"

✓

398

-4

"

✓

399

-5

"

✓

400

~~CP 231~~

new block

CHECK

BBt 50 check

all earlier than most ads.

F1
Dadme

—

29

401

F3 B55136A1-6

BB1 SOX F, (BB1 SOX HO 341)

1441-3

402

-7

"

✓

403

-8

"

✓

404

-9

"

✓

405

-10

"

✓

406

-11

"

✓

407

-12

"

✓

408

-13

"

✓

F1
2nd me

29

409	F3, B55136A-14	BBt50 x F. (BBt50 x HD 341)	1441
410	Taller Some rows are mostly BBt solid + mat, the BBt 50.	-15	✓
411		-16	✓
412		-17	✓
413		-18	✓
414		-19	✓
415		-20	✓
416	F3 B55136A6-1	"	1445 1445

F1
2ndme

29

25

417	F3 B55136 A6-2 BBT50 x F, (BBT50 x H0341)	1445
418	" -3	✓
419	" -4	✓
420	BBT 50 BBT 50 sl earlier than adjacent rows	CHECK
421	F3, B55136 A6-5 BBT50 x F, (BBT50 x H0341)	1445
422	" -6	✓
423	" -7 sl earlier than other rows	✓
424	" -8	✓

F1
2nd me

25

25

425	F3 B55136A6-9 BBt50x Fi (BBt50x HD34)	1445
-----	---------------------------------------	------

426	-10	✓
-----	-----	---

427	F3 B55136A11-1	" 1447
-----	----------------	--------

428	-2	" ✓
-----	----	-----

429	-3	" ✓
-----	----	-----

430	-4	" ✓
-----	----	-----

431	-5	" ✓
-----	----	-----

432	F3 B55136A3-1	1453
-----	---------------	------

F₁
Dohne

25

25

26

433	F3, B55136A3- BBT 50 x F, (BBT50 x H034)	1453
-----	---	------

434	-3	✓
-----	----	---

435	-4	✓
-----	----	---

436	-5 Tail, late row. B (BBT not later)	✓
-----	--	---

437	-6 earlier than BBT 50 Sand families, This row is earlier, shorter but than BBT 50, V uniform + V good prod. Slender, stream Wetch	✓
-----	--	---

438	-7 earlier than BBT 50	✓
-----	---------------------------	---

439	-8 earlier than BBT 50	✓
-----	---------------------------	---

440	ep 257 BBT 50 check	CHECK
-----	-----------------------------------	-------

a V. good family

F,
Volume

26

441

F3

B55136A3-9

BBT50 x F. (BBT50 X H0344)

1453

442

-10

✓

443

B55136A7-1

1455

444

-2

✓

445

-3

✓

446

-4

✓

447

-5

✓

448

-6

✓

no hole
last sl. under
BBT 50
earlier than BBT 50
weak nodules

F
20dme

26

25

80
F3
449

B55136A 7-7

BBt50 x F, (BBt50 x H0341)

1455

450

-8

✓

451

-9

✓

452

-10

✓

lost row of early line, must have made notes
OK here

453

F3, B55136A 14-1 BBt50 x F, (BBt50 x H0341)

1456

454

-2

✓

455

-3

✓

456

-4

✓

a tall lab family

F
Lodni
25

23

457

F₃ B55136A14-5 BBT50 x F₁(BBT50 x H0341)

1456

458

F₃ B55136A24-1 BBT50 x F₁(BBT50 x H0341)

1462

459

-2

✓

460

~~BBT50~~
BBT50

CHECK

461

F₃ B55136A24-3 BBT50 x F₁(BBT50 x H0341)

1462

462

-4

✓

463

-5

✓

464

-6

✓

F₁
2odne

23

37

37

465

F₃-B55136A24-7 BBt50 x F₁(BBt50 x HD341)

1462

466

-8

✓

467

-9

✓

468

-10

✓

469

F₃-B55136A5-1 BBt50 x F₁(BBt50 x HD341) 3

1463

470

-2

✓ good row Sured panicles
Shorter than BBt50, etc.

✓

471

-3

✓

472

-4

✓

too many v. early plants! many with
v. short stature,

F₁
2nd line

37

30

473 F₃, B55136 A5-5 BBt50 x F₁(BBt50 x H0341)
a dwarf root 1463

474 -6 ✓

475 -7 ✓

476 -8 ✓
v. short ht; a dwarf root Earlier than
BBt50 sand beds

477 -9 ✓

478 -10 ✓

479 F₃-B55136 A32-1 BBt50 x F₁(BBt50 x H0341)
1468

480 ~~BBt50~~ BBt50
as BBt50 CHECK

F1
2nd line

30

32

F₃ - B55136A32-2 BBT50 x F (BBT50 x H 0341)

481

1468

482

-3

✓

483

-4

✓

484

-5

✓

485

-6

✓

486

-7

✓

mostly V. early

a dwarfing very Bristly
damaged by birds. Prob
V. early
sand samples

✓ 487

F₃ B5512YA5-1 BBT50 x F (BBT50 x B502A9-11)

163

✓ 488

IV

-2

IV

✓

F1
2nd line

32

27

✓ 489	F ₃ -B55124A5-3, BBt50 x F, (BBt50 x B502A2-113)	1635
✓ 490	-4,	✓
✓ 491	-5,	✓
✓ 492	-6,	✓
✓ 493	-7,	✓
✓ 494	-8,	✓
495	F ₃ , B55124A8-1 BBt50 x F, (BBt50 x B502A2-113)	1638
496	-2	✓

F1
Zodme'

27

27

497

F₃-B55124A8-3, BBt50 x F₁(BBt50 x B502A2-113)

1638

-4,

✓

498

-5,

✓

499

500

~~CP231~~
20 BBt50 check

CHECK

501

F₃-B55124A10-1, BBt50 x F₁(BBt50 x B502A2-113)

1640

502

" -2,

"

✓

503

" -3,

"

✓

504

" -4,

"

✓

F,
Zodine

27

29

505

F3-B55124A10-5, BBT50 x F1 (BBT50 x B502A2-113)

1640

506

" -6,

"

✓

507

" -7,

"

✓

508

" -8,
 (all gold in 2 earlier's shorter bit
 sand panicles) then BBT50, V. steady, strong
 V. good water

✓

509

" -9,

"

✓

510

" -10,

"

✓

511

F3-B55124A16-1 BBT50 x F1 (BBT50 x B502A2-113)

1646

Sand panicles
 all gold in V. good

512

" -2

"

✓

Sand pan
 Segs hulls, V. good

F1
 20 June
 29

29

513

F3-B55124A 16-3 BBT50 x F1(BBT50 x B502A 2-113)
1646

514

" -4 " ✓

Saved from

515

" -5 " ✓

Saved from

516

F2-B55124A 24-1, BBT50 x F1(BBT50 x B502A 2-113)
1654

517

" -2, " ✓

518

" -3, " ✓

519

" -4, " ✓

520

~~CP 231~~
Do BBT 50 checks

CHECK

F₁
Godine

29

29

521

F3 B55124A24-5, BBT50 x F1 (BBT50 x B55124A2-11)

1654

522

F3-B55124A 26-1,

"

1656

523

"

-2,

"

✓

524

"

-3,

"

✓

525

"

-4,

"

✓

526

"

-5

"

✓

527

F3-B55124A 31-1,

1662

R. to

H.O.

528

-2,

✓

F1
Zohne
29

26

—

529

F3-B55124A31-3, BBT50 x F1 (BBT50 x B502A2-113)

1662
K. J. J.
A. O.

530

F3-B55124A36-1, BBT50 x F1 (BBT50 x B502A2-113)

1667

531

-2,

✓

532

starts 3rd tier-3,

✓

533

-4,

✓

534

-5,

✓

535

F3-B551A1-1 TP x F1 (TPDW. x TP)

1702

536

-2

✓

BBT types not

F1
 2ndme

-

28

25

537 F3-B551A 1-3, TP x F (TPDW, x TP) 1702
Short

✓ 538 Short -4, ✓

539 Tail row -5, ✓

540 ~~CP 2-2~~ Texas Patna check CHECK

541 F3-B551A 2-1, TP x F (TPDW x TP) 1703

✓ 542 -2, ✓
Entered & short
a very Prod row & rather uniform
not too tall

✓ 543 -3, ✓

✓ 544 -4, ✓

F₁
2nd line

25

20

✓545	$F_3 - BSSIA2 - 5,$	$TP \times F_1 (TPDW. \times TP)$	1703
✓546	-6,		✓
✓547	-7,		✓
✓548	$F_3 - BSSIA3 - 1,$	$TP \times F_1 (TPDW. \times TP)$	1704 SHORT & LATE
✓549	-2,		✓
✓550	-3,		✓
✓551	⁺⁴ sl taller than 550		✓
✓552	⁻⁵ sl taller than others		✓

are all v. short but

are all v. short but. later.

F1
2ndme

20

16

✓ 553 F3-B551A3-6, TP x Fi (DwTP x TP) 1704
✓ shot

✓ 554 " -7, " ✓

✓ 555 " -8, " ✓

✓ 556 " -9, " ✓
✓ late

✓ 557 " -10, " ✓
✓ late

✓ 558 F3-B551A5-1 TP x Fi (TPDW x TP) 1705
earliest of family
Intermed lat

559 ✓ late -2, ✓

560 ~~TP 31~~
Texas Patmo check
✓ late CHECK

F
2odmi

16

23

✓561 F3- B551A5-3, TP x F (TPDW x TP) 1705
1705

✓562 " -4, " ✓

563 ✓late " -5, " ✓

564 F3- B551A6-1, TP x F (TPDW x TP) 1706
✓late 1706

565 ✓late " -2, " ✓

✓566 " -3, " ✓

✓567 " -4, " ✓

✓568 ✓late " -5, " ✓

F1
godme

23

20

560

F3-B551A6-6, TP x F(TPDW x TP)

1706

✓570

F3-B551A7-11, TP x F(TPDW x TP)

1707

LATE

V. SH. I.

Earliest

✓571

" -2,

"

✓

maybe off one row starting

✓572

" -3,

"

✓

✓573

" -4,

"

✓

✓574

" -5,

"

✓

✓575

" -6,

"

✓

✓576

" -7,

"

✓

F1
2nd me

20

032

18

073

072

072

072

072

072

072

072

✓577

F3-B551A7-8, TP x F₁(TP DW x TP)

1707

✓578

" -9,

"

✓

579

" *v late* -10,

"

✓

580

~~TP x F₁~~
Texas Patra check
v late

CHECK

✓581

F3-B551A8-1, TP x F₁(TP DW x TP)

1708

some V. early plants.

582

v late " -2,

"

✓

583

v late " -3,

"

✓

✓584

F3-B551A9-1, TP x F₁(TP DW x TP)

1709

✓
1710

F1
2nd line
18

22

22+24

✓585	F3- B551A9-2,	TP x F ₁ (TPDW x TP)	1709 + 1710
✓586	" -3,	"	✓
✓587	✓late " -4,	"	✓
588	" -5,	"	✓
✓589	" -6,	"	✓
✓590	" -7,	"	✓
591	" -8,	"	✓
✓592	" -9,	"	✓

F,
20 June

22+24

593	F3-B551A9-10, all V. late	TP x F1 (TPD w. x TP)	1709 1710
✓594	F3-B55233A9-1, ✓ tall row	Rex x F1 (BBT50 x Rex)	1714
595	" -2,	"	✓
✓596	" -3 ✓ tall row	"	✓
x 597	" -4, ✓ tall row	"	✓
x 598	" -5,	"	✓
✓599	" -6, v. tall all stems	"	✓
✓600	TP 251 BBT 50 check V. tall are some rows which appear to be shorter than BBT 50	"	CHECK

F1

3rd line

22+24

24

x601	F3-B55233A9-7, Too tall all straw	Rex x F1 (BBt50 x Rex)	1714 1714
x602	" ⁻⁸ segr shd gold	"	✓
x603	" ⁻⁹ straw hull	"	✓
x604	" ⁻¹⁰ straw hull	"	✓
x605	F3-B55233A10-1, all straw	Rex x F1 (BBt50 x Rex)	1715 1715
x606	" ⁻² segr hulls	"	✓
x607	" ⁺³ segr hulls	"	✓
x608	" ⁻⁴ gold Ron	"	✓

F₁
Johne
24

23

✓609	F3-B55233A10-5, Rex x F. (BBt50 x Rex) Shaw	1715
✓610	Segn "Sh ^{-6,} & gold	✓
✓611	Segn "hulls ^{-7,}	✓
✓612	gel "Shaw ^{-8,} hulls	✓
✓613	gold hulls ^{-9,}	✓
✓614	all "gold ^{-10,}	✓
✓615	F3-B55233A11-1, Rex x F. (BBt50 x Rex)	1716
✓616	" ^{-2,}	✓

a tall family

F₁
Zodmei

23

206

213

200

210

210

210

27

210

210

68
* 617 F3-B55233A11-3, Rex x Fi (BBt50 x Rex) 1716
all gold

* 618 " -4, " ✓
no hls sand

✓ 619 " -5, " ✓
all gold

* 620 ~~CP 231~~ CHECK
BBt50

* 621 F3-B55233A11-6, Rex x Fi (BBt50 x Rex) 1716

} no's on top may be reversed

* 622 " -7, " ✓

✓ 623 " P, " ✓

✓ 624 " -9, " ✓

Have a few plants in cone
of the cone which are shorter
than BBt50

F,
Zodme'

27

27

✓ 625 F3-B55233A11-10, Rex x F1 (BBt50 x Rex)
no panicle, too late 1716

✓ 626 F3-B55233A12-1 Rex x F1 (BBt50 x Rex)
gold 172

x 627 straw hulls² ✓

x 628 seg hulls⁻³ ✓

✓ 629 seg hulls⁻⁴ ✓

✓ 630 gold hulls⁵ ✓

x 631 seg hulls⁻⁶ ✓

✓ 632 straw hulls⁻⁷ ✓

a very good family of BBt50 type, ✓ few plants
about 100 BBt50

F1
2ndme

27

20

✓ 633	F3- B55233A12-8 segr hulls	Rex x F ₁ (BB+50 x Rex)	1724
✓ 634	segr hulls ⁹		✓
✓ 635	gold	-10	✓
✓ 636	F3- B55233A13-1 straw	Rex x F ₁ (BB+50 x Rex)	172
x 637	straw	-2	✓
x 638	straw	-3	✓
✓ 639	segr	-4	✓
✓ 640	BB+50 BB+50		CHECK

F1
20 June
20

22

X 641

F3 - B55233A13-5 Rex x F₁ (BBT50 x Rex)
1725

X 642

-6

✓

✓ 643

Seg

-7

✓

✓ 644

Seg

-8

✓

X 645

-9

✓

X 646

-10

✓

✓ 647

-11

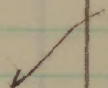
✓

~~BBT50~~

mostly BBT50 let, a few plants earlier the
few taken.

F,
Zodmi

22



Start of
popul.

241	(1248)	5
-----	--------	---

246	(1252)	10
-----	--------	----

256	(1253)	6
-----	--------	---

262	(1256)	5
-----	--------	---

✓267	(1257)	15
------	--------	----

282	(1258)	5
-----	--------	---

287	1264	5
-----	------	---

292	1266	5
-----	------	---

- | | | | |
|-----|--------|----|----------------------------------|
| 297 | (1268) | 6 | a very late family no hds saved |
| 303 | (1270) | 10 | a very late family, no hds saved |
| 313 | (1275) | 5 | |
| 318 | (1276) | 6 | |
| 324 | (1278) | 5 | |
| 329 | (1280) | 5 | a very late family |
| 334 | 1284 | 5 | |
| 339 | 1288 | 6 | a very late family |

345 (1289) 5

350 (1293) 5

355 (1295) 3

358 (1298) 11

369 (1300) 5

374 (1303) 11

385 (1308) 5

390 (1310) 5

395 21	(1441)	21
416	1445	11
427	(1447)	5
432	(1453)	11
443	1455	10
453	1456	5
458	1462	11
469	1463	10

479

1468

8

487

1635

8

495

1638

6

501

1640

10

511

1646

5

516

1654

6

522

1656

5

527

1662

3

530	1667	5			
535	1702	6	TPX	$F_i(TP_{Dev} \times TP)$	
541	1703	7			
548	1704	10			
558	1705	6			
564	1706	6			
570	1707	11			
581	1708	3			

584 1709+1710 | 10

594 1714 11 Rex x Fi (BBT Sox Rex)

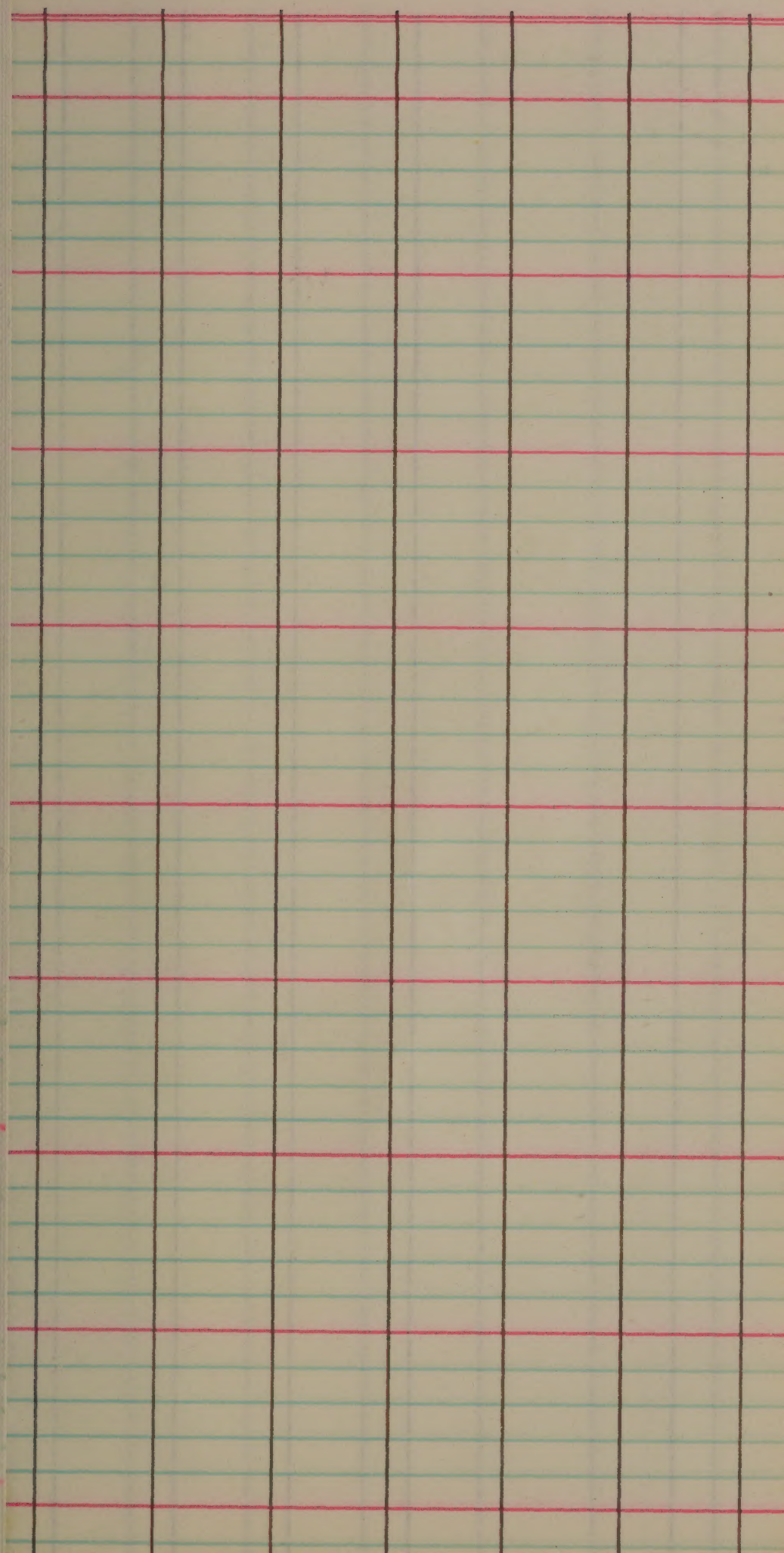
605 1715 10

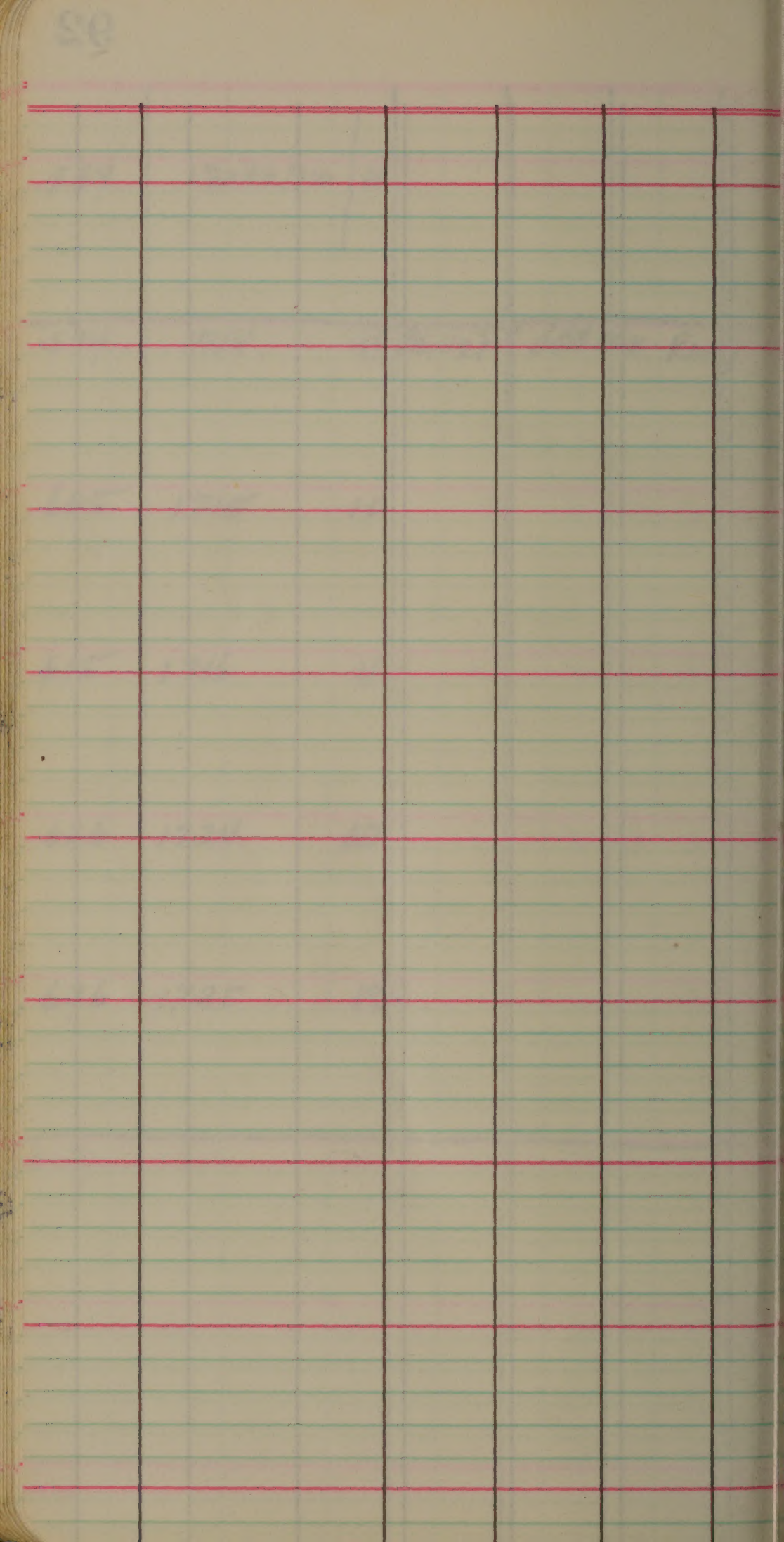
615 1716 11

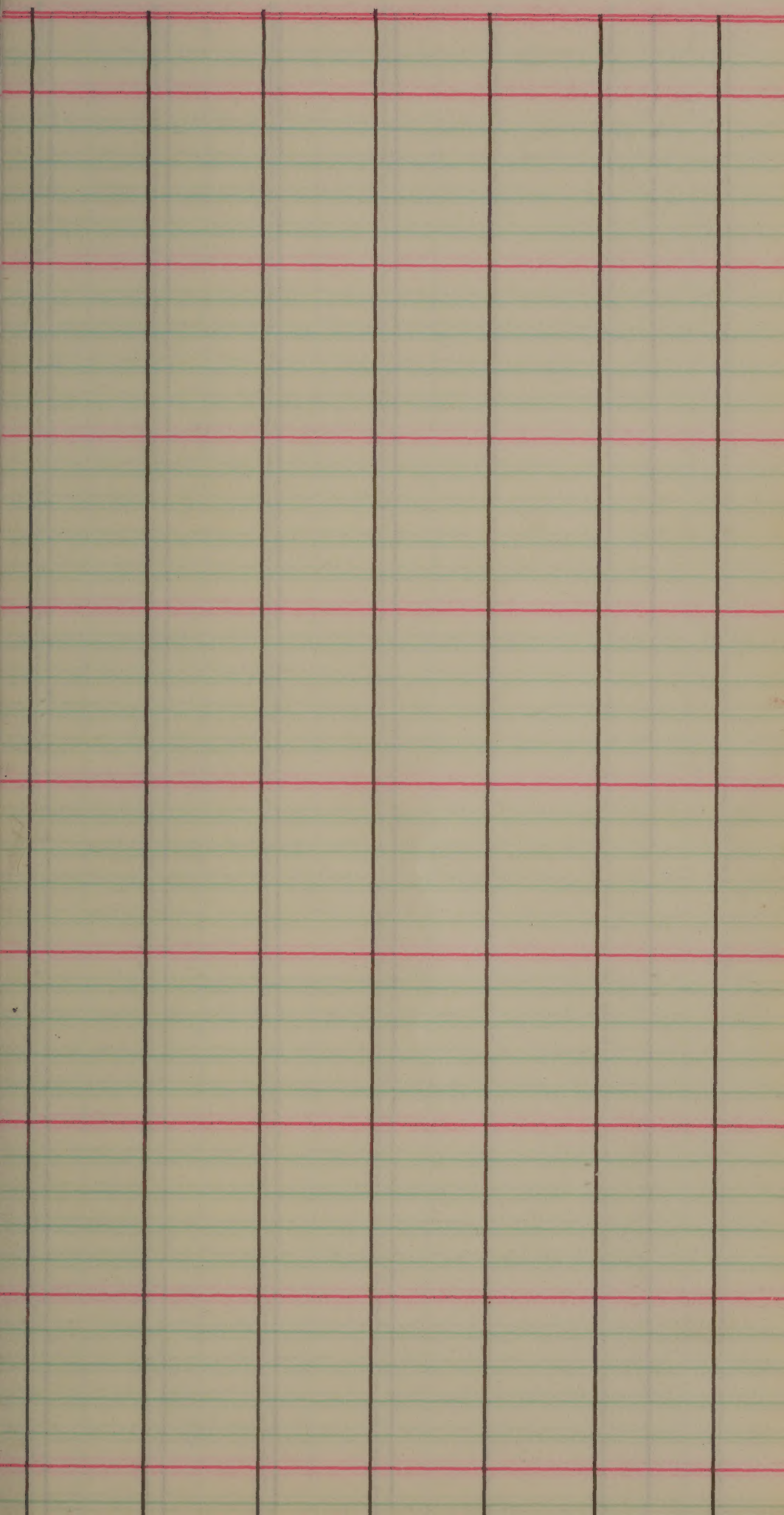
626 1724 10

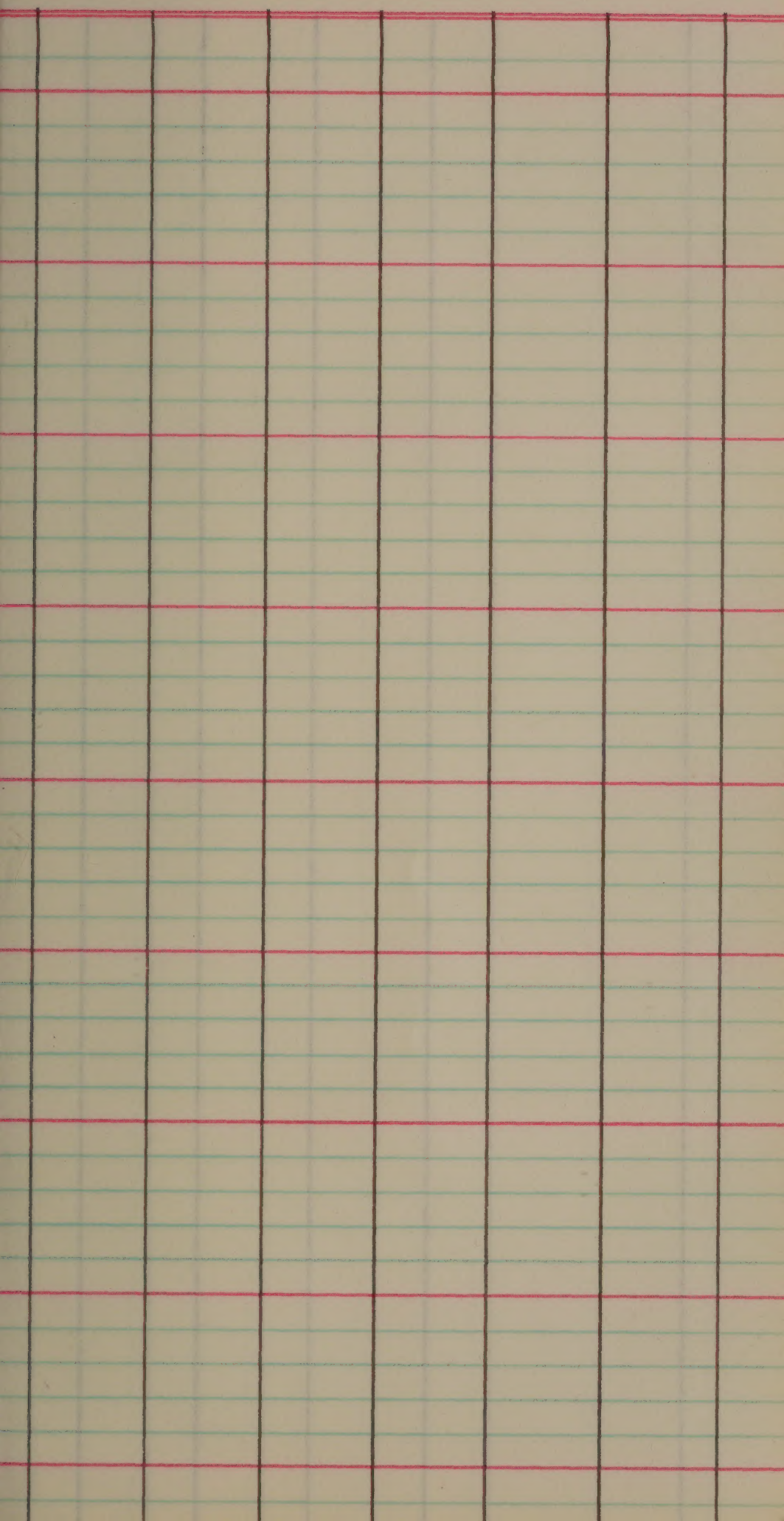
636 1725 12

643

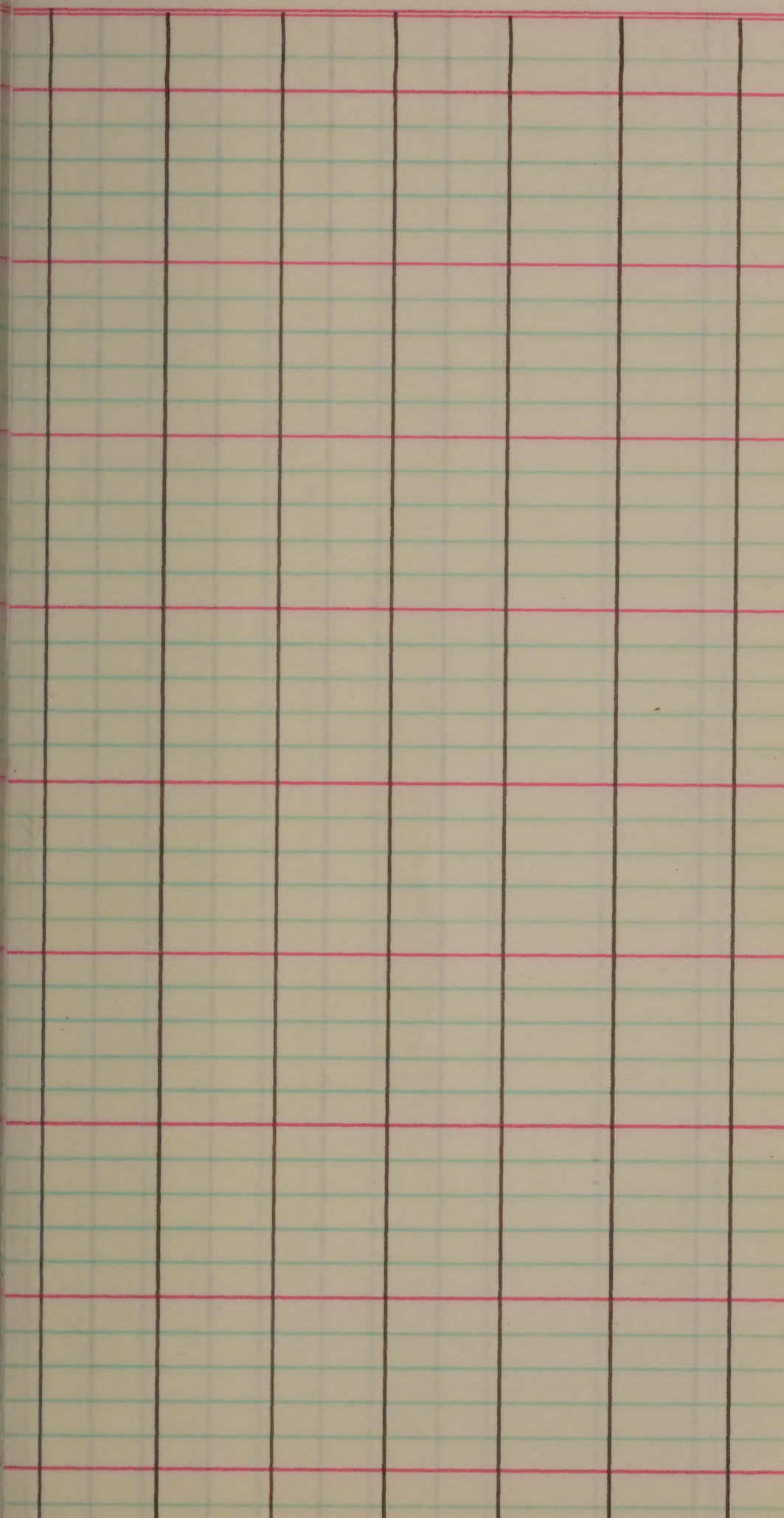


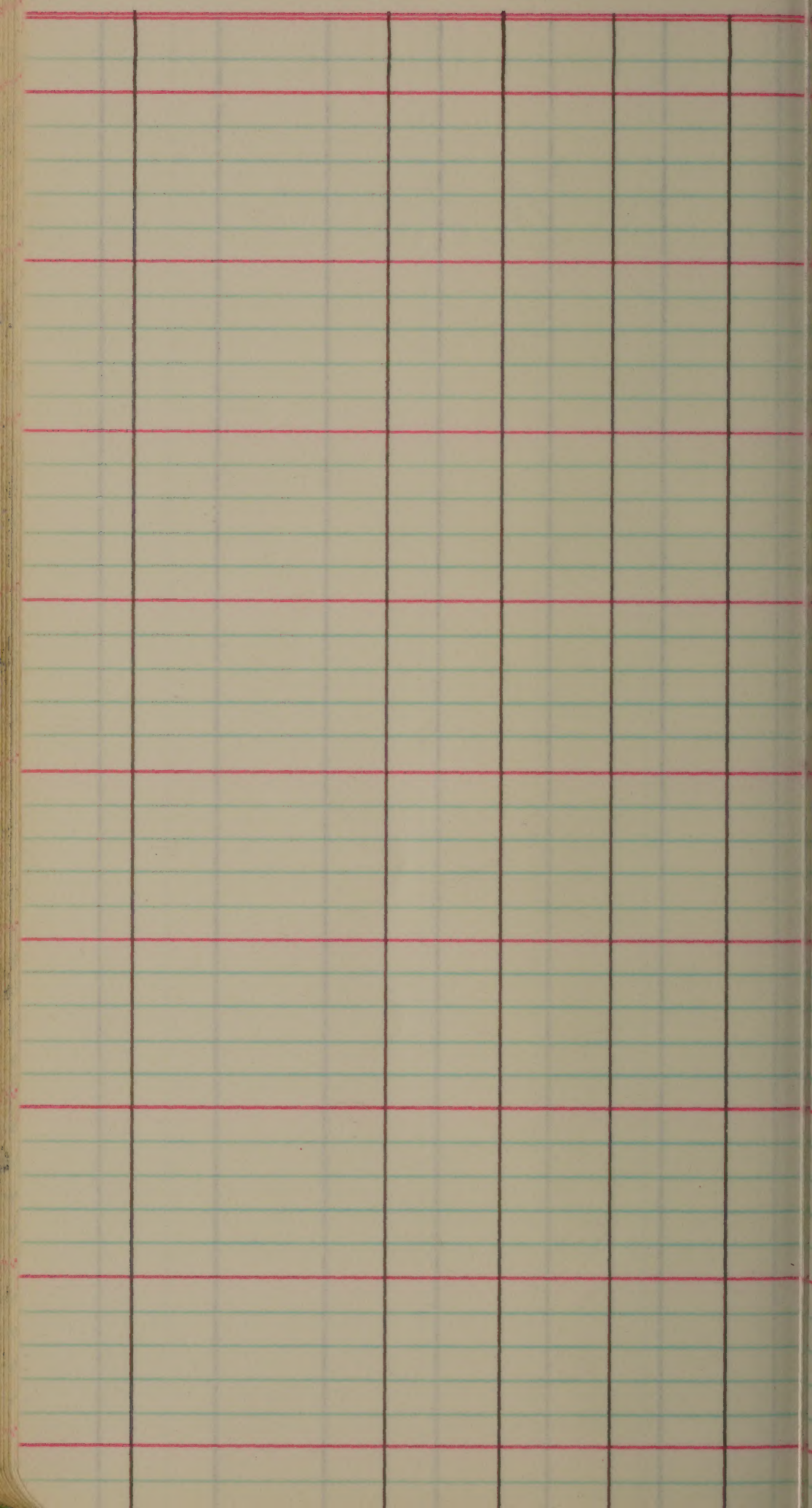


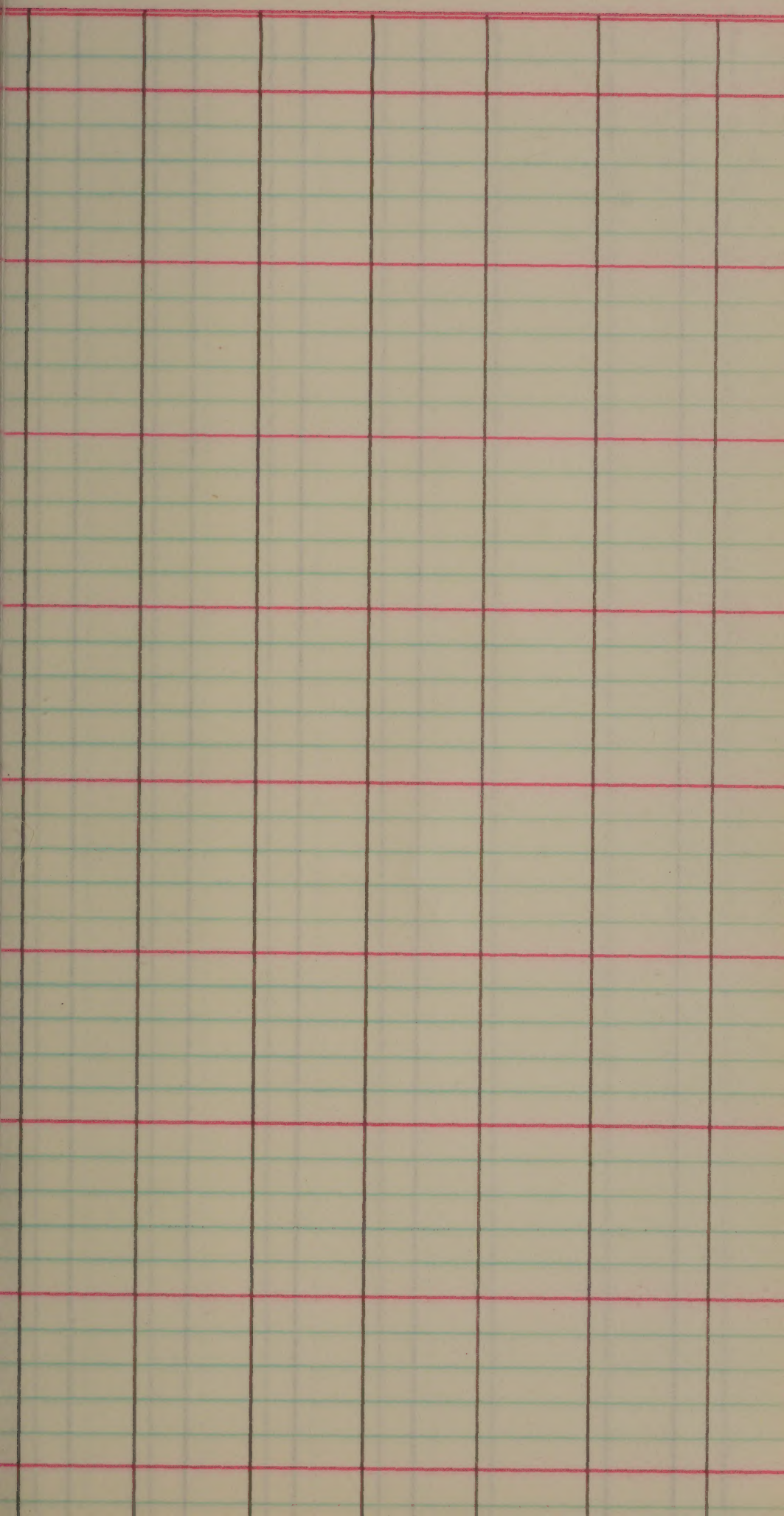


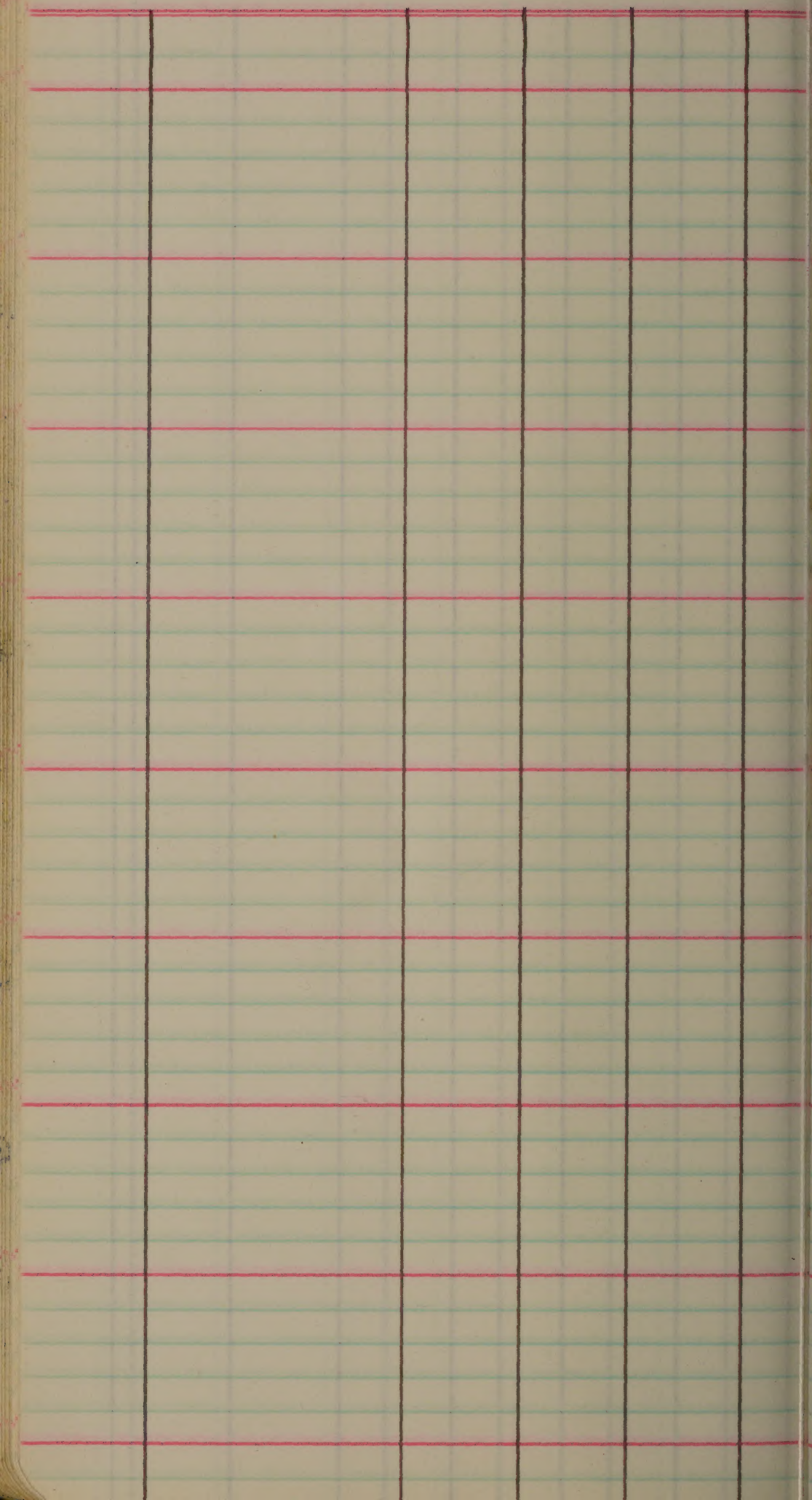






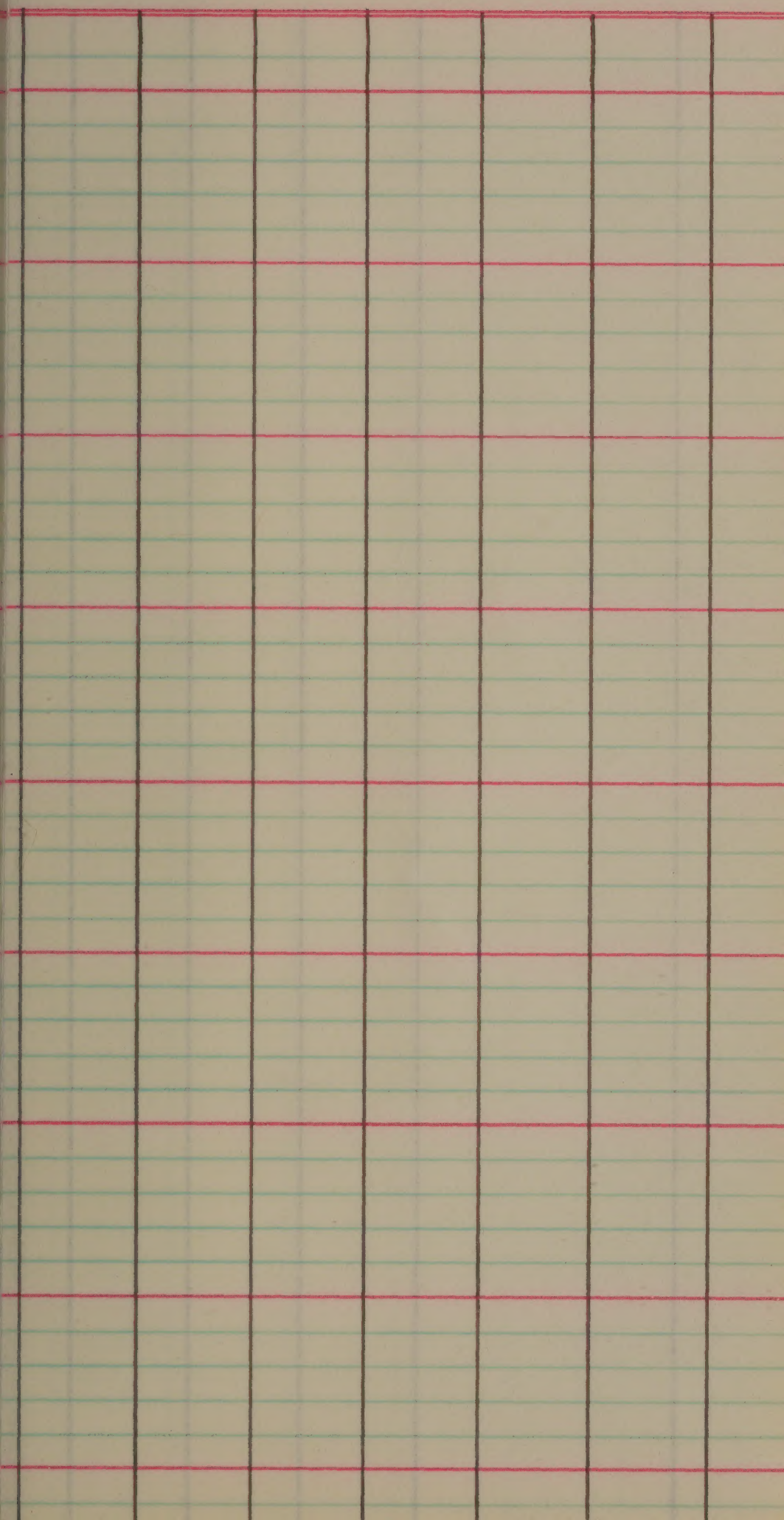


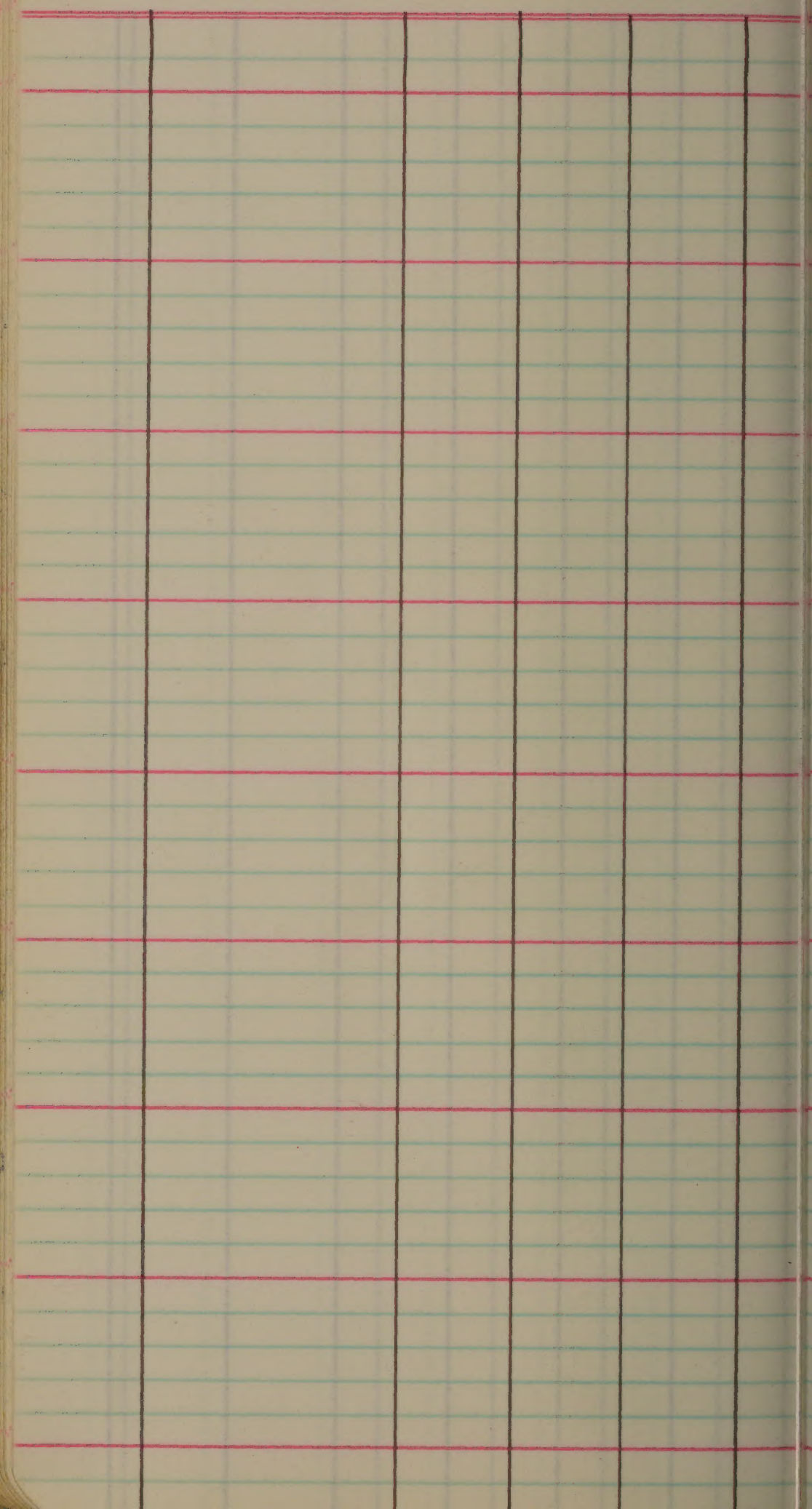




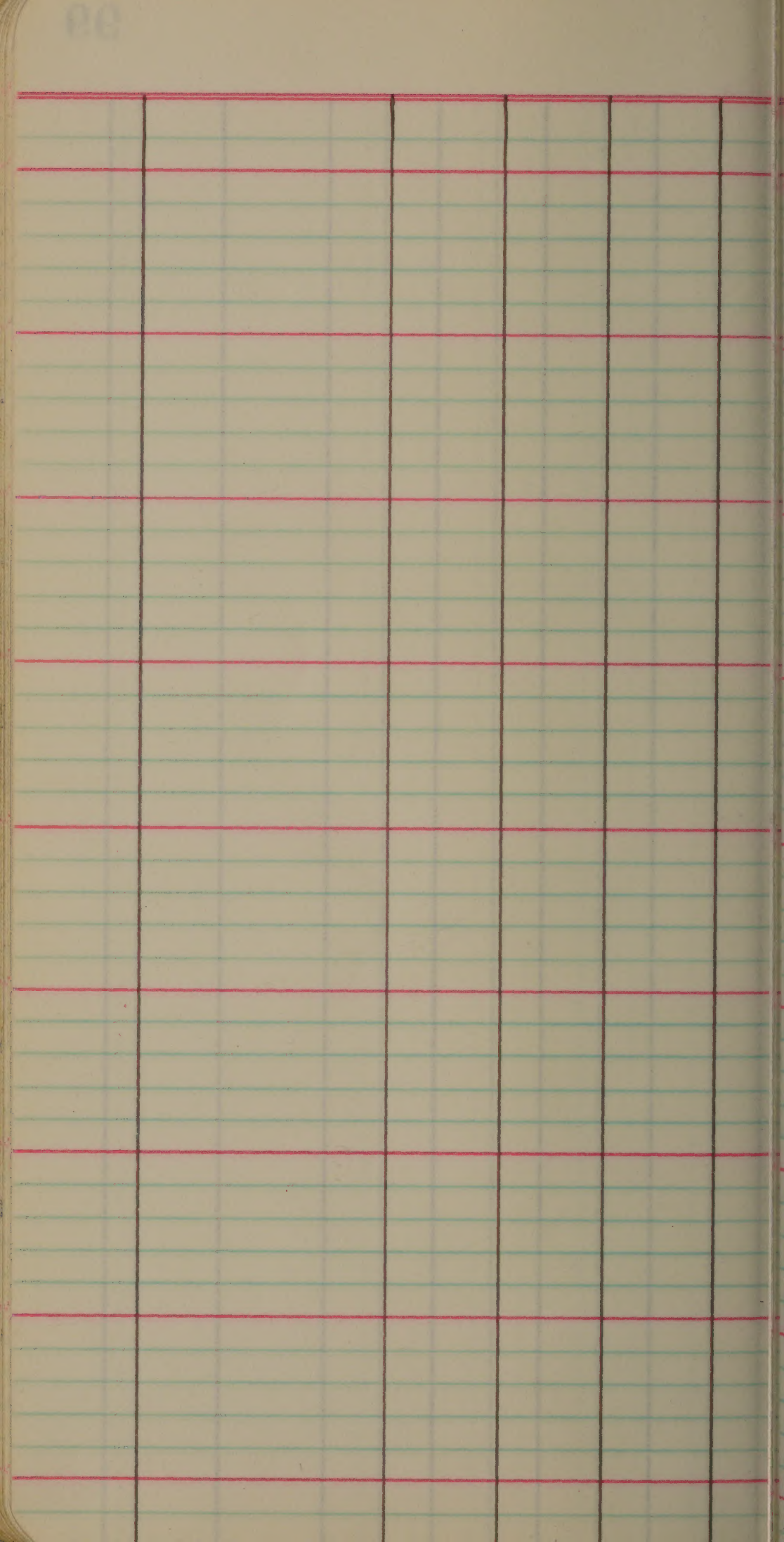


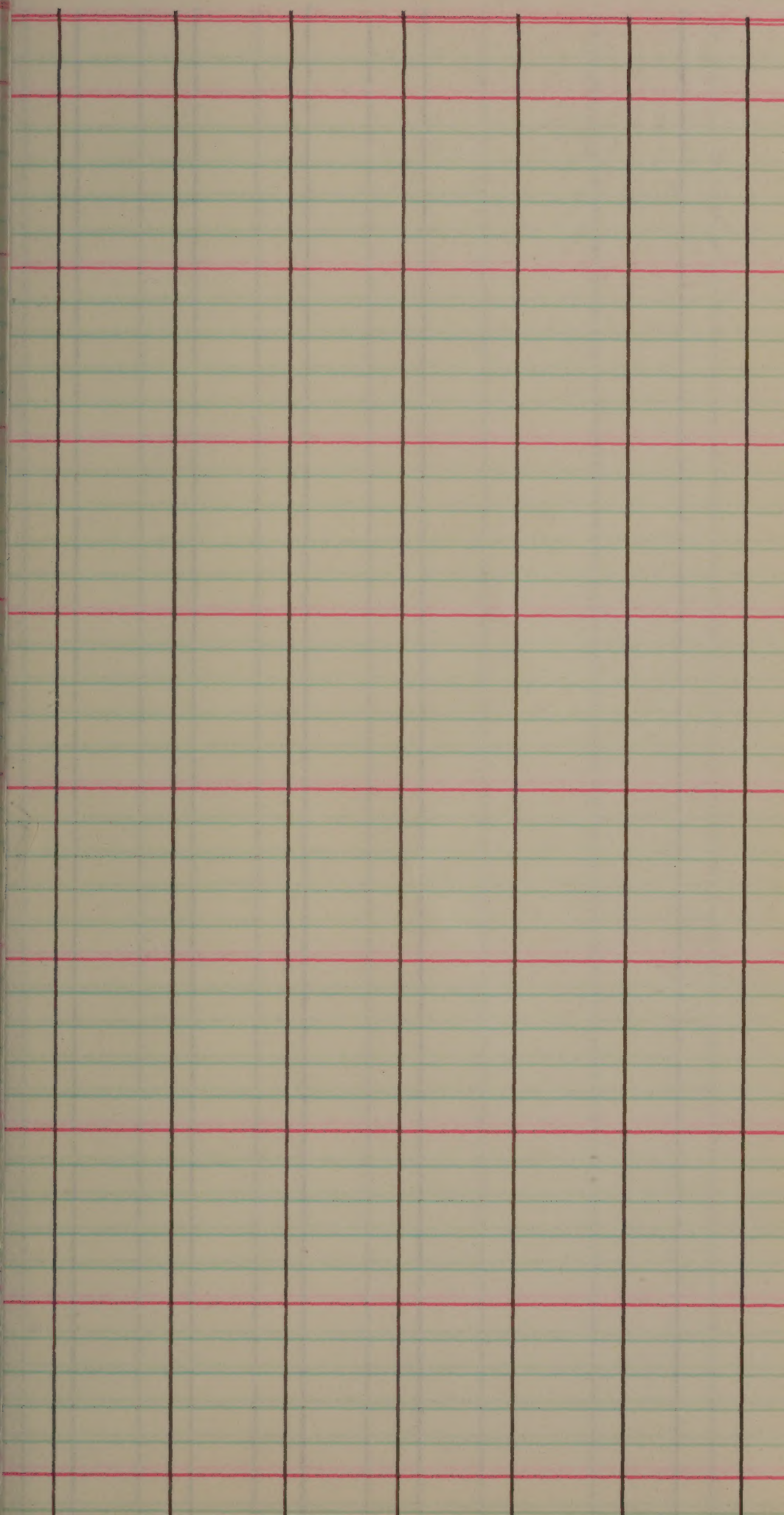


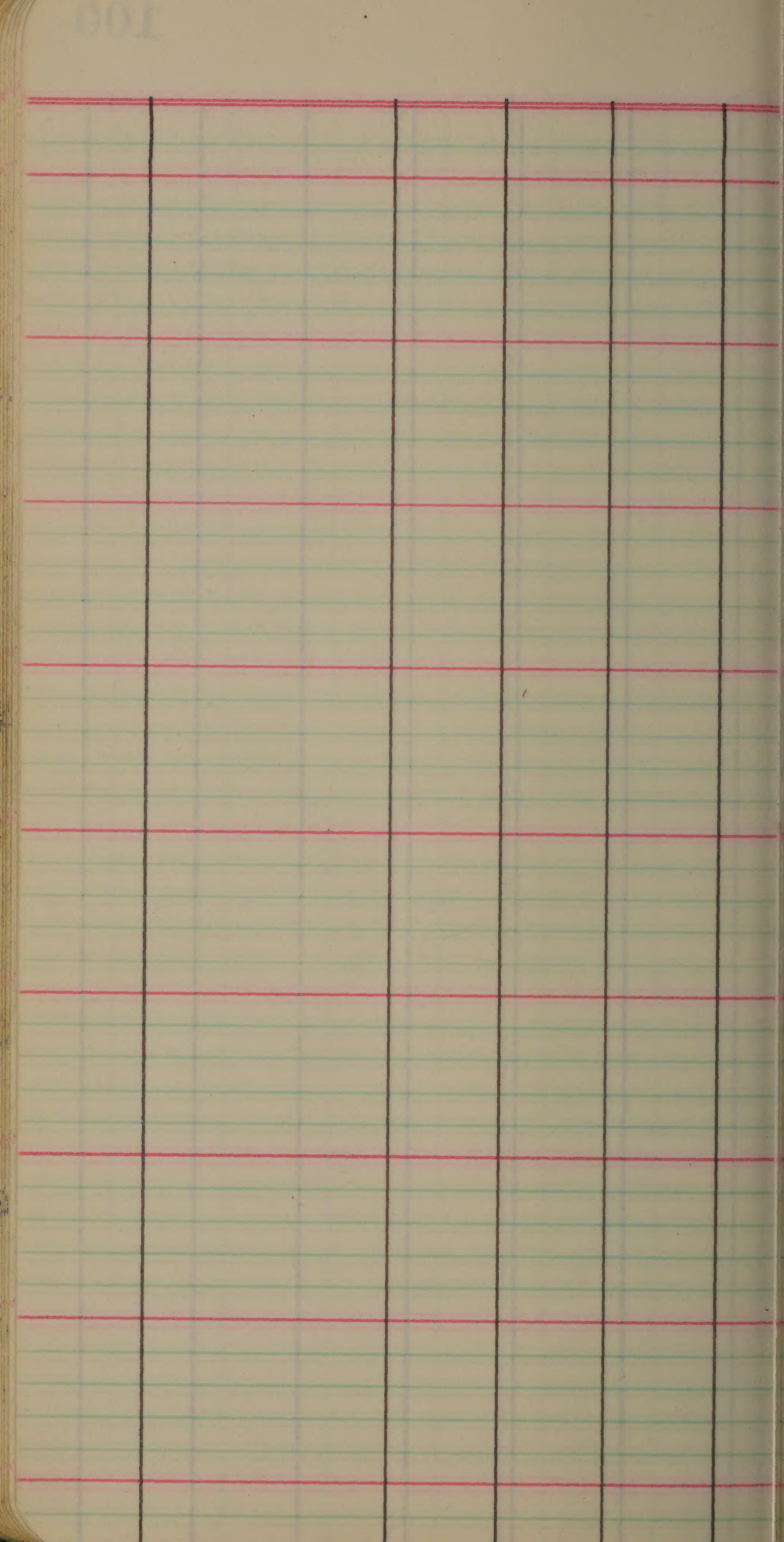


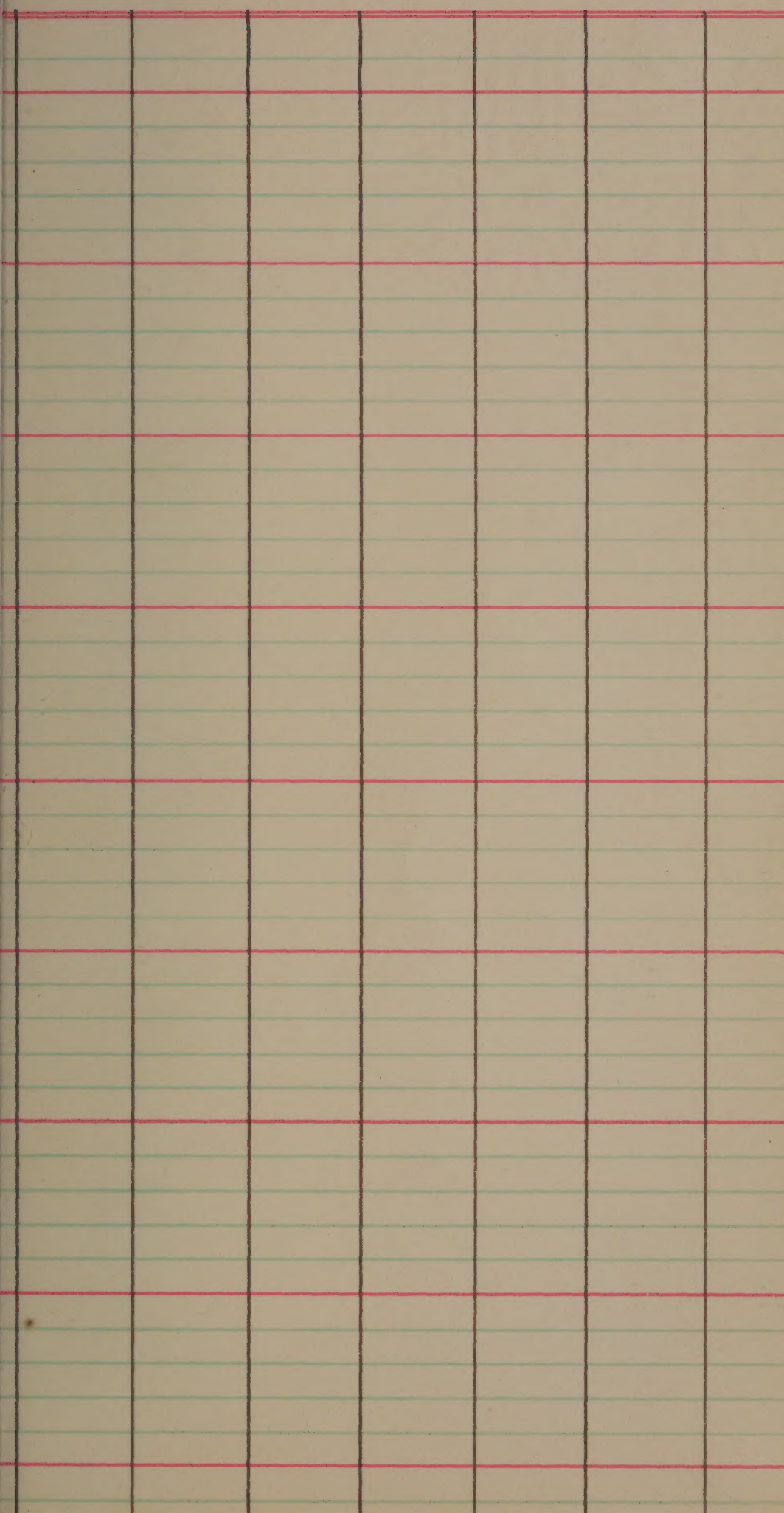












$$\begin{array}{r} 2 \overline{) 1312} \\ \underline{66} \end{array}$$

$$\begin{array}{r} 268 \quad 268 \\ \underline{62} \quad \underline{133} \\ 330 \quad 401 \end{array}$$

JOURNAL

1957

Vareal Improvement
nursery

on Small plot area S5
notes by Wilson Fisher

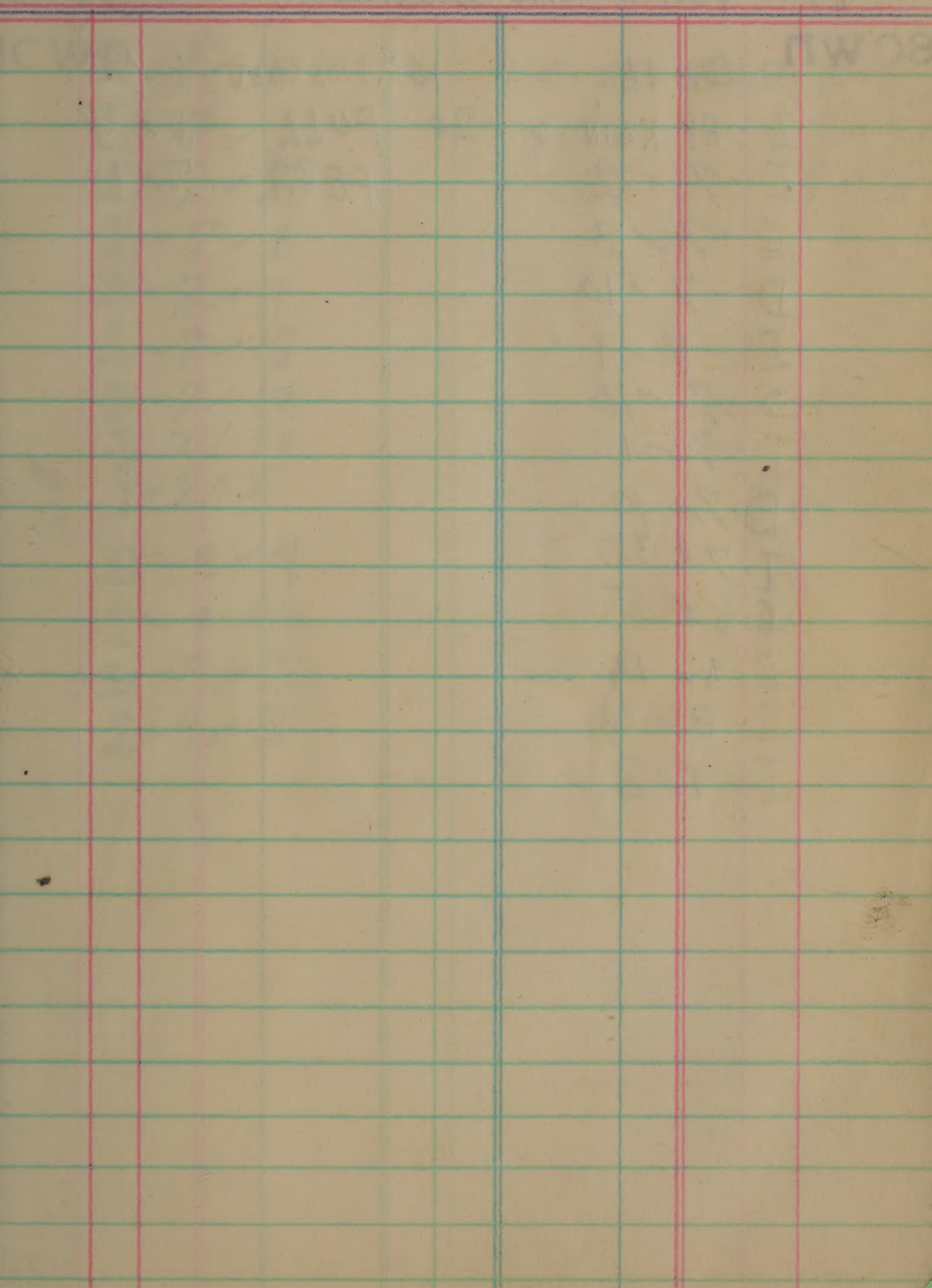
also

S4 - 46 to 48 W + S4-46 to 47 E

Stock No. 645

A BOORUM & PEASE PRODUCT

MADE IN U.S.A.



1 EAST

For *Purularia studies* (atkins).

SOWN

6-18	1st. EMERGED	6-23
I - BY RAIN 6-20	FULL	6-27
I - 7-2	FERT.	7-1
I - 7-8		
D - 7-10		
I - 7-1		
D - 7-10		
I - 7-17		
D - 7-19		
I - 7-30		
I - 8-5		
I - 8-18		
I - 8-24		
I - 9-3		

1 WEST.

Single Nursery Plots Var # 781 to 865

BCWN 7/1

1st EMERGED 7-6

I-7-2

FULL

7-9

D-7-3

FERT

7-15

I-7-8

D-7-9

I-7-15

D-7-19

I-7-30

I-8-5

D-8-9

I-8-14

D-8-26

I-9-3

4

Single Row

2 EAST

Breeding Nursery Row # 7601 to 8282

SOWN

6/12

1ST EMERGED 6/17

I - 6/13

FULL 6/21

D - 6/14

FERT 7-2

I - 7-2

I - 7-8

D - 7-10

I - 7-17

D - 7-19

I - 7/30

I - 8/5

I - 8-18

I - 8-26

I - 9-3

D - 10-7 TO HARVEST

2 WEST

Single Row Breeding Nursery Row #11501 to 12142

Sown

- 7-1

I - 7-2

D - 7-3

I - 7-8

D - 7-9

I - 7-15

D - 7-19

I - 7-30

I - 8-5

D - 8-9

I - 8-16

D - 8-26

I - 9-3

1st EMERGED 7-6

FULL

7-9

FERT

7-15

3 EAST

Single Row Breeding Nursery Row # 7643 to 8284

SCWN

6/2

1st

EMERGED

6/17

I - 6/13

FULL

6/24

D - 6/14

FERT

7/2

I - 7/2

I - 7/8

D - 7/10

I - 7/17

D - 7/19

I - 7/30

I - 8/5

I - 8/18

I - 8/26

I - 9/3

D - 10/7 TO HARVEST

3 WEST

Single (4 Row - 16 foot) yield plots, Var # 501 to 570

SCWn 6/11

1st EMERGED 6/16

I - 6/12

FULL - 6/20

D - 6/13

FERT 7/1

I - 7/2

I - 7/8

D - 7/10

I - 7/17

D - 7/19

I - 7/30

I - 8/5

D - 8/13

I - 8/16

I - 8/26

I - 9/3

4 EAST

Single Row Breeding Nursery Row #8301 to 8942

Sown

6/17

1st EMERGED 6/2

I - BY RAIN 6/20

FULL 6/28

I - 7/2

FERT 7/2

I - 7/8

D - 7/10

I - 7/17

D - 7/19

I - 7/30

I - 8/5

I - 8/18

I - 8/26

I - 9/3

4 WEST

Single yield plots (rows 16 foot) Var #571 to 640

SOWN

6/11

PLT EMERGED 6/16

I - 6/12

FULL 6/20

D - 6/13

FERT 7/1

I - 7/2

I - 7/8

D - 7/10

I - 7/17

D - 7/19

I - 7/30

I - 8/5

D - 8/13

I - 8/16

I - 8/26

I - 9/3

D - 10/7 TO HARVEST

5 EAST

Single Row Breeding Nursery Row #8343 to 8984

SOWN

I BY RAIN 6/20

I - 7/2

I - 7/8

D - 7/10

I - 7/17

D - 7/19

I - 7/30

I - 8/5

I - 8/18

I - 8/26

I - 9/3

1st EMERGED 6/2

FULL 6/28

FERT. 7/2

5 WEST

Single (4-Row, 16-foot) yield plots Var # 64 to 710

Sown	EMERGED
6/11	6/16
I - 6/12	FULL 6/20
D - 6/13	FERT 7/1
I - 7/2	
I - 7/8	
D - 7/10	
I - 7/17	
D - 7/19	
I - 7/30	
I - 8/3	
D - 8/13	
I - 8/16	
I - 8/26	
I - 9/3	
D - 9/27	TO HARVEST

6 EAST

Single Row Breeding Nursery, Row # 10,001 to 10,642

SOWN

6/19

I BK RAIN 6/20

I - 7/2

I - 7/8

D - 7/10

I - 7/17

D - 7/19

I - 7/30

I - 8/5

I - 8/18

I - 8/26

I - 9/3

1st. EMERGED 6/23

FULL 6/27

FERT. 7/2

62 WEST

Single (4-Row 16 foot) yield plots, Var # 711 to 780

SCWn	6/12	1st EMERGED	6/16
I	6/12	FULL	6/20
D	6/13	FERT	7/1
I	7/2		
I	7/8		
D	7/10		
I	7/17		
D	7/19		
I	7/30		
I	8/5		
D	8/13		
I	8/16		
I	8/26		
I	9/3		
D	9/27	TO HARVEST	

7 EAST

Single Row Nursery Plots, Row #10,043 to 10,678

SOWN

6/19

1st EMERGED 6/23

I BY RAIN 6/20

FULL 6/27

I - 7/2

FERT 7-2

I - 7/8

D - 7/10

I - 7/17

D - 7/19

I - 7/30

I - 8/5

I - 8/18

I - 8/26

I - 9/3

7 WEST

World Collection 9001 to 9126 (3-Row plots)

SOWN

1st. EMERGED

4/30

FULL

5/5

I - 4/26

D - 4/27

I - 5/6

D - 5/7

I - 5/15

D - 5/24

I - 6/3

I - 6/14

I - 7/2

I - 7/8

I - 7/17

I - 8/3

I - 8/18

I - 9/3

H.O. Nursery 8 EAST
 Single Row Breeding Nursery, Row # 2001 to 2643

SOWN

4/10 11-51 EMERGED 4/18

I. B. RAIN 4/11

FULL 4/26

I - 5 - 3

I - 5 - 6

I - 5 - 15

D - 5 - 24

I - 6 - 3

I - 6 - 14

I - 7 - 2

I - 7 - 8

I - 7 - 17

I - 8 - 5

FINAL DRAIN 8 - 16

8 WEST

World Collection 9/27 to 9/25/2, (3 Row plots)

I - 4/26	1st	EMERGED	4/30	SOWN
D 4/27		FULL	5-5	
I - 5/6				
D - 5/7				
I - 5-15				
D 5/24				
I - 6/3				
I - 6/14				
I - 7-2				
I - 7-8				
I - 7-17				
I - 8-5				
I - 8-18				
I - 9-3				

H.O. Nursery 9 EAST
 Single Row Breeding Nursery, Row # 2044 to 2686

SOWN

4-10

1ST

EMERGED

4-18

I - BY. RAIN 4-11

FULL 4-26

I - 5-3

I - 5-6

I - 5-15

D - 5-24

I - 6-3

I - 6-14

I - 7-2

I - 7-8

I - 7-17

I - 8-5

FINAL DRAIN 8-16

9 WEST

World Collection, 9253 to 9378, (3-Row Plots)

I-4-26

1st. EMERGED 4-30

SCWR

D-4-27

FULL 5-5

I-5-6

D-5-7

I-5-15

D-5-24

I-6-3

I-6-14

I-7-2

I-7-8

I-7-17

I-8-5

I-8-18

I-9-3

10

EAST

Single Row Breeding Nursery Row # 4101 to 4742

SOWN

1. AT EMERGED. 4-30

FULL 5-5

FERT. 5-14

I - 4 - 26

D - 4 - 27

I - 5 - 6

D - 5 - 7

I - 5 - 15

D - 5 - 24

I - 6 - 3

I - 6 - 14

I - 7 - 2

I - 7 - 8

I - 7 - 17

I - 8 - 6

I - 8 - 18

D - 9 - 3 TO HARVEST

10 WEST

World Collection, Plot # 9379 to 9499 (3-Row plots)

OWN

AT EMERGED 4-30

FULL 5-5

I-4-26

D-4-27

I-5-6

D-5-7

I-5-15

D-5-24

I-6-3

I-6-14

I-7-2

I-7-8

I-7-17

I-8-5

I-8-18

I-9-3

22 uniform yield

11

EAST

Single Row Breeding Nursery, Row # 4143 to 4784

SOWN

1st EMERGED 4/30

I 4/26

FULL 5/5

D 4/27

FERT. 5/14

I 5/6

D 5/7

I 5/14

D 5/24

I 6/3

I 6/14

I 7/2

I 7/8

I 7/18

I 8/6

I 8/18

D 9-3 TO HARVEST

11 WEST

Uniform Yield Nursery Group I, Varieties 1 to 14

SC Wn

1st EMERGED 5-2

I-4-26

FULL 5-8

D-4-29

FERT. 5-14

I-5-6

D-5-7

I-5-14

D-5-24

I-6-3

I-6-14

D-6-21

I-7-2

I-7-8

I-7-18

D-7-29

I-7-31

I-8-6

D-8-15 TO HARVEST

H.O. Nursery 12 EAST
 Single Row Breeding Nursery, Pono #270/t3343

SOWN

4/23

1.47

EMERGED

4-30

I-4-26

FLY 5-5

5-5

D-4-27

FERT. 5-14

5-14

I-5-6

D-5-7

I-5-14

D-5-24

I-6-3

I-6-14

I-7-2

I-7-8

I-7-18

I-8-5

I-8-18

D-8-29

TO HARVEST

12 WEST

inform yield nursery, Group 2, Var. #21-34

SOWN

1st. EMERGED. 5-2

I-4-26

FULL 5-8

D-4-27

FERT. 5-14

I-5-6

D-5-7

I-5-14

D-5-24

I-6-3

I-6-14

I-7-2

I-7-8

I-7-18

D-7-29

I-7-31

I-8-5

D- To. HARVEST

8-23

H.Q. Nursery 13 EAST
 Single Row Breeding Nursery, Rows #2744 to 3386

SOWN

4/23

1.47 EMERGED 4-30

I-4-26

FULL 5-25

D-4-27

FERT 5-14

I-5-6

D-5-7

I-5-14

D-5-24

I-6-3

I-6-14

I-7-2

I-7-8

I-7-18

I-8-5

I-8-18

D-8-29 TO HARVEST

13 WEST

uniform yield nursery, Group 3, var. # 41 to 54

- wn

1st EMERGED 5-2

I-4-26

FULL 5-8

D-4-27

FERT. 5-14

I-5-6

D-5-7

I-5-14

D-5-24

I-6-3

I-6-14

D-6-21

I-7-2

I-7-8

I-7-18

D-7-29

I-7-31

I-8-5

I-8-18

I-9-3

D-9-5 TO HARVEST

N.O. Nursery 14 EAST
 Single Row Breeding Mice. Row # - 3401 to 4043

SOWN

4/23

1ST EMERGED 4/30

I-4/26

FULL 5-5

D-4/27

FERT. 5/14

I-5/6

D-5/7

I-5/14

D-5/24

I-6/3

I-6/14

I-7/2

I-7/8

I-7-18

I-8/5

I-8-18

D-8-29 TO HARVEST

14 WEST

inform Gold Mers., Group 4, Yrs #61 to 75

CWN

1st. EMERGED 5-2

I-4-26

FULL 5-8

D-4-27

PERT 5-14

I-5-6

D-5-7

I-5-14

D-5-24

I-6-3

I-6-14

D-6-21

I-7-2

I-7-8

I-7-18

D-7-29

I-7-31

I-8-5

I-8-18

I-9-3

D-9-12 TO HARVEST

No. nursery 15 EAST
 Single Row Breeding Nursery, Row # 3443 to 4086

SOWN April 23

1st EMERGED 4/30

I-4-26

FULL 5-5

D-4-27

FERT. 5-14

I-5-6

D-5-7

I-5-14

D-5-24

I-6-3

I-6-14

I-7-2

I-7-8

I-7-18

I-8-5

I-8-18 BY RAIN

D-8-29 TO HARVEST

15 WEST

Uniform Yield Nursery Group 5, Var #s, 81 to 96

CWN

1st. EMERGED. 5-2

I-4-26

FULL 5-8

D-4-27

FERT 5-14

I-5-6

D-5-7

I-5-14

D-5-24

I-6-3

I-6-14

D-6-21

I-7-2

I-7-8

D-7-16

I-7-30

I-8-5

I-8-18

BY RAIN

I-9-3

TO HARVEST

D-9-27

TO HARVEST

32

Repl. field plots

16 EAST

Single Row Breeding Nursery Rows #4801 to 5442

SOWN April 28

1st. EMERGED. 5-3

FULL 5-8

FERT. 5-14

I-4-26

D-4-27

I-5-6

D-5-7

I-5-14

D-5-24

I-6-3

I-6-14

I-7-2

I-7-8

I-7-18

I-8-5-

I-8-18 BY RAIN

D-9-3 TO HARVEST

16 WEST

Repl. Field plots, group 1, Var[#] 1 to 7 Repl A+B
Repl A+B

CWN

EMERGED 5-2

I-4/26

FULL 5-8

D-4/27

FERT 5-14

I-5/6

D-5/7

I-5/14

D-5/24

I-6/3

I-6/14

D-6/21

I-7/2

I-7/6

I-7/18

D-7/29

for spraying of weeds

I-7/31

I-8/5

D-8/15 TO HARVEST

17

EAST

Single Row Breeding Nursery, Rows # 4843 to 5484

SOWN

4/24

1st. EMERGED 5/13

I-4/26

FULL 5/19

D-4/27

FERT. 5/14

I-5/7

D-5/8

I-5/14

D-5/24

I-6/4

I-7/2

I-7/8

I-7/18

I-8/5

I-8/18 BY RAIN

D-9/3 TO HARVEST

17 WEST

Repl. Field Plots, Group - 2, Var. # 408 to 416

Repl A+B

SOWN

1st EMERGED 5-2

FULL 5-8

FERT. 5-14

I-4-26

D-4-27

I-5-7

D-5-8

I-5-14

D-5-24

I-6-4

I-7-2

I-7-8

I-7-18

D-7-29

I-7-31

I-8-6

D-8-12

for spraying of weeds

TO HARVEST

18 EAST

Single Row Breeding Nursery Rows 5501 to 6142

SOWN 4/24

1st EMERGED 5/3

I-4-26

FULL 5-8

D-4-27

FERT. 5/14

I-5-7

D-5-8

I-5-14

D-5-24

I-6-14

I-7-2

I-7-8

I-7-18

I-8-6

I-8-18 BE. RAIN

D-9-3 TO HARVEST

18 WEST

Repl. Field Plots, Var # 417 to 423 Group 3
 Repl A+B

OWN

1st EMERGED 5/2

I-4/26

FULL 5/8

D-4/27

FERT. 5/14

I-5/7

D-5/8

I-5/14

D-5/24

I-6/4

D-6/21

I-7/2

I-7/8

I-7/18

D-7/29

I-8/31

I-8/6

for spraying of weeds

I-8-18 BY RAIN

D-TO. HARVEST 8/23

19 EAST

Single Row Breeding No. Rows 5543 to 6184

SOWN

4/24

1. AT

EMERGED

5/3

I - 4/26

FULL 5/9

D - 4/27

FERT. 5/14

I - 5/7

D - 5/8

I - 5/14

D - 5/24

I - 6/4

I - 7/2

I - 7/8

I - 7/18

I - 8/6

I - 8/18 BY RAIN

D - 9/3 TO HARVEST

19 WESTOS

Repl. Field Plots, Group 4, Var # 424 to 430

Repl A+B

CWN

1st. EMERGED 5/2

I-4/26

FULL 5/8

D-4/27

FERT. 5/14

I-5/7

D-5/8

I-5/14

D-5/24

I-6/4

D-6/21

I-7/2

I-7/8

I-7/18

D-7/29

I-7/31

I-8/6

I-8/18

BK. RAIN

I-9/3

D 9/5

TO HARVEST

for spraying of weeds

20 EAST

Single Row Bush. Mure. Rows #6201 to 6842

SOWN	1st	EMERGED	5	12
5/7				
I-5/8				FULL 5/16
D-5/9				FERT. 5/23
I-5/15				
D-5/16				
I-5/24				
I-5/29				
I-6/4				
D-6/21				
I-7/2				
I-7/8				
I-7-18				
I-8/6				
I-8-18	BY RAIN			
I-9/3				
D 9-6	TO HARVEST			

20

WEST

Repl Fieldplots, Group 5, Var. #431 to 437

OWN

Repl A+B

1-17 EMERGED 5/2

I-4/26

FULL 5/8

D-4/27

FERT. 5/14

I-5/7

D-5/8

I-5/14

D-5/24

I-6/4

D-6/21

I-7/2

I-7/8

I-7/18

D-7/29

I-7/31

I-8/6

I-8/18

BY RAIN

D-8/29

TO HARVEST

for spraying of weeds

EAST

Single Row Breeding Muro. Rows #6243 to 6884

SOWN 5/7

1st EMERGED 5/12

I-5/8

FULL 5/16

D-5/9

FERT. 5/23

I-5/15

D-5/16

I-5/24

I-5/29

I-6/4

D-6/21

I-7/3

I-7/8

I-7/18

I-8/1

I-8/6

I-8/18

BY RAIN

I-9/3

D-9/10 TO HARVEST

21 WEST

Cepl. Field Plots, Group 6, Var # 438 to 444
Repl. A & B

OWN

1st EMERGED 5-2

I-4-26

FULL 5-8

D-4-27

FERT 5-14

I-5-7

D-5-8

I-5-14

D-5-24

I-6-4

D-6-21

I-7-3

I-7-8

I-7-18

D-7-29

I-7-31

I-8-6

I-8-18, BE RAIN

D-8-29 TO HARVEST

for spraying of weeds

22 EAST

Single Row Breeding Nurs. Rows # 6901 to 7542

SOWN

5-7

1st. EMERGED 5-12

I-5-8

FULL 5-16

D-5-9

FERT

5-23

I-5-15

D-5-16

I-5-24

I-5-29

I-6-4

D-6-21

I-7-3

I-7-8

I-7-18

I-8-1

I-8-6

I-8-18 BK. RAIN

I-9-3

D-9-24 TO HARVEST

Rows 7146 to 7325 = Pincularia World Collection
Nursery.

Rows 7326 to 7460 = World Collection Seed Increase Variet

7461 to 7542 = Quadrated Sels

7563 to 7584 = Bush Hybrid Sels

22 WEST

Repl. Field Plots, Group 7, Var. # 445 to 451 (R)
Repl A & B

CORN

1st EMERGED 5-2

I-4-26

FULL 5-8

D-4-27

FERT 5-14

I-5-7

D-5-8

I-5-14

D-5-24

I-6-4

D-6-21

I-7-3

I-7-8

I-7-18

D-7-29 for spraying of weeds

I-8-1

I-8-6

I-8-18 BK RAIN

I-8-29

I-9-3

D-9-12 TO HARVEST

23

EAST

Single Row Breeding Mice, Rows #6943 to 7584

SOWN

5-7

1st EMERGED 5/12

I-5-8

FULL 5/16

D-5-9

FERT. 5-23

I-5-15

D-5-16

I-5-24

I-5-29

I-6-4

I-6-21

I-7-3

I-7-8

I-7-18

I-8-1

I-8-6

I-8-18 BY RAIN

I-9-3

D-9-24 TO HARVEST

23 WEST

Expt. Field Plots, Group 8, Var # 452 to 458 (A+B)
~~Replicates~~ Series

OWN

1st. EMERGED 5-2

I-4-26

FULL 5-8

D 4-27

FERT 5-14

I 5-7

D 5-8

I 5-14

D 5-24

I-6-4

D-6-21

I-7-3

I-7-8

D-7-16

I-8-1

I-8-6

I-8-18 BY RAIN

I-8-29

I-9-3

D-9-27 TO HARVEST

24

EAST

World Collection for Increase (Single Row) 950/t9875

SOWN

SOWN	1st EMERGED	
5/15		5/21
I-5/17	FULL	5/25
D-5/18		
I-5/22		
D-5/23		
I-5/29		
D-5/30		
I-6/13		
D-6/21		
I-7-3		
I-7-8		
I-7-18		
I-8-1		
I-8/6		
I-8-18	BY RAIN	
I-9-3		
D-10/2	TO HARVEST	

24 WEST

pl Field Plots, Group 7, Var # 445 to 451 (Repl C & D)

CWN

NOT EMERGED 5-12

I-4-26

FULL 5-8

D-4-27

FERT 5-13

I-5-7

D-5-8

I-5-14

D-5-24

I-6-4

D-6-21

I-7-3

I-7-8

I-7-18

D-7-29

for opening of anemone

I-8-1

I-8-6

I-8-18 BK. RAIN

I-8-29

I-9-3

D-9-12 TO HARVEST

{ X2 Rex or
 X2 Texas Patna
 X3 BBT 50
~~X4 BBT 50~~

25 EAST

Bulked Seeding, Irradiated Populations: 5

SOWN

5/23

1st EMERGED 5/29

I-5/24

FULL 6/3

D-5/25

FERT: 6/12

I-5/29

D-5/30

I-6/13

D-6/21

I-7/3

D-7/9

I-7/18

I-8/1

I-8/6

I-8/18 BY RAIN

I-8/29

I-9/3

D 10/22 TO HARVEST

25 WEST

Repl. Field Photo, Group 6, Var #438 to 444 (Repl C + D)

Cwn

1:47

EMERGED 5/2

I-4/26

FULL 5/8

D-4/27

FERT 5/13

I-5/7

D-5/8

I-5/14

D-5/24

I-6/4

D-6/21

I-7/3

I-7/9

I-7/18

D-7/29

for spraying of weeds

I-8/1

I-8/6

I-8/18, BK. RAIN

D-9/3 TO HARVEST

26 EAST

Bulked Seedlings, Irradiated Populations

SOWN

5/23

1st

EMERGED 5/29

I-5/24

FULL 6/3

D-5/26

FERT 6/12

I-5/29

D-5/30

I-6/13

D-6/21

I-7-3

I-7-9

I-7-18

I-8/1

I-8/6

I-8/18 BY RAIN

I-8/29

I-9-3

D-9/24 TO HARVEST

26 WEST

Repl Field Photo Group 4, Var # 424 to 430 (Repl C + D)

OWN

EMERGED. 5-2 W02

I-4-26

FULL 5-8

D-4-27

FERT 5-13

I-5-7

D-5-8

I-5-14

D-5-24

I-6-4

D-6-21

I-7-3

I-7-9

I-7-18

D-7-29

for spraying of weeds

I-8-1

I-8-6

I-8-18. BY RAIN

I-8-23

D-9-3 TO HARVEST

27 EAST

Head Row, Noto

SOWN		1st	EMERGED	
	6/13			6/16
I -	6/13		FULL	6/20
D -	6/14		FERT	7/1
I -	7/3			
I -	7-9			
D -	7-10			
I -	7/17			
I -	8/1			
I -	8/6			
I -	8/18, BY RAIN			
I -	8/29			
I -	9/3			
D -	9/24 TO HARVEST			

27 WEST

Repl Field Plots, Group 5, Var #42 to 437 (Repl. C & D)

SOWN

1st EMERGED

5-2

I-4-26

FULL

5-8

D-4-27

FERT

5-13

I-5-7

D-5-8

I-5-14

D-5-24

I-6-4

D-6-21

I-7-3

I-7-9

I-7-18

D-7-29

for spraying of weeds

I-8-1

I-8-6

I-8-18. BK RAIN

I-8-23

D-9-3

TO HARVEST

28 EAST

Herbicides Expt

SOWN

1st EMERGED 4-30

I-4-26

FULL 5-5

D-4-27

FERT 5-13

I-5-7

D-5-7

I-5-14

D-5-24

I-6-4

I-6-13

D-6-21

I-7-3

I-7-9

I-7-18

I-8-1

I-8-6

I-8-18 BY RAIN

I-8-29

I-9-3

D-9-27 TO HARVEST

T 849

28 WEST

Repl. Field Plots, Group 3, Var #417 to 423 (Repl C+D)

own

1. 1st

EMERGED 5-2

I-4-24

FULL 5-8

D-4-27

FERT. 5-13

I-5-7

D-5-8

I-5-14

D-5-24

I-6-4

D-6-21

I-7-3

I-7-9

I-7-18

I-8-1

I-8-6

I-8-18, BY RAIN

D-TO HARVEST 8-23

29 EAST

Herbicide Expt.

SOWN

1st EMERGED 4-30

I-4-26

FULL 5-5

D-4-27

FERT 5-13

I 5-7

D 5-7

I-5-14

D-5-24

I-6-4

I-6-13

D-6-21

I-7-3

I-7-9

I-7-18

I-8-1

I-8-6

I-8-18 BK. RAIN

FINIAL DRAIN 8-19

Prohcf 231

29 WEST

Repl. Field Plots, Group 1, Var # 401 to 407 (Repl. C & D)

own

1st

EMERGED, 5/2

I-4/26

FULL 5-8

D-4/27

FERT. 5/13

I-5-7

D-5-8

I-5/14

D-5/24

I-6/4

D-6/21

I-7/3

I-7-9

I-7-16

I-8/1

I-8

I-8/18 BY BAIN

D-TO HARVEST

8/21

Herbicide Expt 30 EAST

SOWN

1st EMERGED 4-30

I-4 / 26

FULL 5-5

D-4 / 27

FERT 5-13

I-5 / 7

D-5 / 7

I-5 / 14

D-5 / 24

I-6 / 4

I-6 / 13

D-6 / 21

I-7 / 3

I-7 / 9

I-7 / 16

I-8 / 1

I-8 / 6

D-8 / 12

TO HARVEST

Prob Zennith.

30 WEST

Repl. Field plots, Group 8, Var. 452 to 458 (Repl C + D)

own

1st EMERGED 5-2

I-4-24

FULL 5-8

D-4-27

FERT. 5-13

I-5-7

D-5-8

I-5-14

D-5-24

I-6-4

D-6-21

I-7-3

I-7-9

D-7-16

I-8-1

I-8-6

I-8-18 BY RAIN

I-8-29

I-9-3

D-9-27 TO HARVEST

31 EAST

Herbicide Expt

SOWN

I-4/26

D-4/27

I-5-7

D-5-7

I-5/14

D-5/24

I-7/18

I-8/6

I-8/18 BY RAIN

I-9/3

D 9/6 TO HARVEST

1st. EMERGED 4/30

FULL 5-5

FERT 5-13

not used for Gt pd purposes

31 WEST

Repl Field Plots Group 2, Var. 408 to 416 (Repl C + D)

own

1st EMERGED 5-2

I - 4-26

FULL 5-8

D - 4-27

FERT. 5-13

I - 5-7

D - 5-8

I - 5-14

D - 5-24

I - 6-14

D - 6-21

I - 7-3

I - 7-9

I - 7-18

I - 8-6

D - 8-12 TO HARVEST

Herbicide Expt 32 EAST

SOWN

1st EMERGED 4/30

I-4/26

FULL 5-5 I

D-4/27

FERT. 5-13

I-5-7

D-5-7

I-5-14

D-5-24

I-6-4

I-6-13

D-6-21

I-7-3

I-7-9

I-7-18

I-8-1

I-8-6

I-8-18 BY RAIN

D-8-31 TO HARVEST

32 WEST

Car-Fert Spacing Jim Stansel Thesis

OWN 5-10

1st EMERGED 5-14

I-5-10

FULL 5-17

D-5-11

FERT 5-24

I-5-15

D-5-16

I-5-24

I-5-29

D-5-31

I-6-13

D-6-21

I-7-3

I-7-9

I-7-17

T-8-2

I-8-6

I-8-18 BT RAIN

I-9-3

p. 50 + C P 231

33 EAST

Herbicide Expt

SOWN

INT. EMERGED 4-30

I-4-26

FULL 5-5

D-4-27

FERT. 5-13

I-5-7

D-5-7

I-5-14

D-5-24

I-6-4

I-6-13

D-6-21

I-7-3

I-7-9

I-7-18

I-8-1

I-8-6

I-8-18 BY RAIN

D-8-31. TO HARVEST

33 WEST

rr-Fert Spacing (Jim Stansel Thesis) and
 P Inactivated Dwarf Expt.

OWN

5-10

127

EMERGED

5-14

I-5-10

FULL

5-17

D-5-11

FERT 5-24

I-5-15

D-5-16

I-5-24

I-5-29

D-5-31

I-6-13

D-6-21

I-7-3

I-7-17

I-8-2

I-8-6

I-8-18 BK RAIN

I-9-3

34 EAST Herbicide Expt

SOWN

1st. EMERGED 4-30

I-4/26

FULL 5-5

D-4/27

FERT. 5-13

I-5-7

D-5-7

I-5-14

D-5-24

I-6-5

I-6-13

D-6-21

I-7-3

I-7-9

I-7-18

I-8-1

I-8-6

I-8-18 BY RAIN

D-8-31 TO HARVEST

34 WEST

Salt Water Expt.

own - 5 - 15

1st EMERGED 5/22

I - 5/17

FULL 5/26

D - 5/18

FERT 6/12

I - 5/22

D - 5/23

I - 5/29

D - 5/30

I - 6/13

D - 6/21

I - 7/3

I - 7/9

I - 7/18

I - 7/26

I - 7/30

I - 8/6

I - 8/18 BY RAIN

I - 8/23

I - 9/3

D - 9/30 TO HARVEST

35 EAST

Inbreed Expt.

SOWN

1st. EMERGED 4/30

I-4/26

FULL 5-5

D-4/27

FERT 5-13

I-5-7

D-5-7

I-5-15

D-5-24

I-6-5

I-6-13

D-6-21

I-7-3

I-7-9

I-7-18

I-8-1

I-8-6

I-8-18 BY RAIN

D-8-31 TO HARVEST

35 WEST

Seed Increase, #

own	5-17	1st	EMERGED	5-24
	I-5-21		FULL	5-29
	D-5-22		FERT.	6-12
	I-5-29			
	D-5-30			
	I-6-13			
	D-6-21			
	I-7-3			
	I-7-9			
	D-7-16			
	I-7-30			
	I-8-6			
	I-8-18	BY RAIN		
	I-8-23			
	I-9-3			
	D-9-24	TO HARVEST		

Herbicide Expt. 36 EAST

SOWN

1st. EMERGED 4-30

I-4-26

FULL 5-5

D-4-27

FERT 5-13

I-5-7

D-5-7

I-5-14

D-5-24

I-6-5

I-6-13

D-6-21

I-7-3

I-7-9

I-7-18

I-8-1

I-8-6

I-8-18 BY RAIN

D-8-31 TO HARVEST

36 WEST

2 Populations

own

6/13

1st EMERGED 6/16

I - 6/13

FULL 6/20

D - 6/14

PERT 7/1

I - 7/3

I - 7/9

D - 7/10

I - 7/18

I - 7/24

I - 7/30

I - 8/6

I - 8/18 BK RAIN

I - 8/23

I - 9/3

D 10/22

TO HARVEST

Herbicide Expt 37 EAST

SOWN

I - 4 / 26

D - 4 / 27

I - 5 - 7

D - 5 - 7

I - 5 / 14

D - 5 / 24

I - 6 / 5

I - 6 / 13

D - 6 / 21

I - 7 - 3

I - 7 - 9

I - 7 / 18

I - 8 / 1

I - 8 / 6

I - 8 - 18 BY RAIN

D - 8 / 31 TO HARVEST

1st EMERGED 4 / 30

FULL 5 - 5

FERT. 5 - 13

37 WEST

Seed Increase

SOWN

5/21

1ST EMERGED 5/24

I-5/21

FULL 5/29

D-5/22

FERT. 6/12

I-5/29

D-5/30

I-6/13

D-6/21

I-7-3

I-7-9

D-7/16

I-7/30

I-8/6

I-8/18 BK RAIN

I-8/23

I-9-3

D-9/24 TO HARVEST

38 EAST

Head Row (B56-296)

SOWN

5 / 21

I - 5 / 21

D - 5 / 22

I - 5 / 29

D - 5 / 30

I - 6 / 13

D - 6 / 21

I - 7 / 3

I - 7 / 9

D - 7 / 10

I - 7 / 15

D - 7 / 16

I - 7 / 19

D - 7 / 19

I - 7 / 26

D - 7 / 26

I - 7 / 30

D - 8 / 6

I - 8 / 16

I - 8 / 18 BY RAIN

I - 9 / 3

M* EMERGED 5 / 24

FULL 5 / 29

FERT. 6 / 12

38 WEST

Seed Increase

Sown	1st Emerged	Full	Fert.
5/21	5/24	5/29	6/12
I-5/21			
D-5/22			
I-5/29			
D-5/30			
I-6/13			
D-6/21			
I-7-3			
I-7-9			
I-7-18			
I-7-26			
I-7-30			
I-8-6			
I-8-18 BY RAIN			
D-8-26 TO HARVEST			

39 EAST

Head Row (B 56-297)

SOWN	5-16	1st EMERGED.	5/20
I	5-17	FULL	5/24
D	5-18	FERT.	6/12
I	5-22		
D	5-23		
I	5-29		
D	5-30		
I	6-13		
D	6-21		
I	7-3		
I	7-9		
D	7-16		
I	8-2		
I	8-6		
I	8-18	BY RAIN	
I	8-26		
I	9-3		
D	9-18	TO HARVEST	

39 WEST

Seed Increase

own

5-17

1st EMERGED 5/24

I-5/21

FULL 5/29

D-5/22

FERT 6/12

I-5/29

D-5/30

I-6/13

D-6/21

I-7-3

I-7-9

D-7-16

I-8/2

I-8/6

I-8/18 BK RAIN

I-8-26

I-9/3

D-9/16 TO HARVEST

40 EAST

Head Row (B56-298)

SOWN 5/16

1st EMERGED 5/20

I - 5/17

FULL 5 24

D - 5/18

FERT 6/12

I - 5/22

D - 5/23

I - 5/29

D - 5/30

I - 6/13

D - 6/21

I - 7/3

I - 7/9

D - 7/16

I - 8/2

I - 8/6

I - 8/18 BURNIN

I - 8/26

I - 9/3

D - 9/18 TO HARVEST

40 WEST

Seed Increase

OWN

5-17

1st

EMERGED

5-24

I-5-21

FULL

5-29

D-5-22

FERT.

6-12

I-5-29

D-5-30

I-6-13

D-6-21

I-7-3

I-7-9

I-7-19

I-7-26

I-8-2

I-8-6

I-8-18 BK RAIN

I-8-26

I-9-3

D 9-6 TO HARVEST

41 EAST

Date Sdg. for quality studies

SOWN	1st EMERGED
6/12	6/16
I - 6/13	FULL 6/20
D - 6/14	FERT. 7/1
I - 7/3	
I - 7/9	
D - 7/10	
I - 7/19	
I - 7/26	
I - 8/2	
I - 8/6	
I - 8/18 BY RAIN	
I - 8/26	
I - 9/3	

41 WEST

Seed Increase

own

5-17

1st EMERGED 5-24

I-5-21

FULL 5-29

D-5-22

FERT. 6-12

I-5-29

D-5-30

I-6-13

D-6-21

I-7-3

I-7-9

I-7-19

I-7-26

I-8-2

I-8-6

I-8-18 BY RAIN

I-8-26

I-9-3

D-9-6 TO HARVEST

42 EAST

Seed Increase (B56-283 and B56-293)

SOWN	5-20	1st EMERGED	5-24
I	5-21	FULL	5-29
D	5-22	FERT	6-12
I	5-29		
D	5-30		
I	6-13		
D	6-21		
I	7-3		
I	7-9		
I	7-19		
I	7-26		
I	8-2		
I	8-6		
I	8-18 BY RAIN		
I	8-26		
I	9-3		
D	9-16 TO HARVEST		

42 WEST

Seed Increase

own

5-17

1st

EMERGED 5-24

I-5-21

FULL 5-29

D-5-22

FERT. 6-12

I-5-29

D-5-30

I-6-13

D-6-21

I-7-3

I-7-9

D-7-16

I-8-2

I-8-6

I-8-18 BK RAIN

I-8-26

I-9-3

D-9-19 TO HARVEST

43 EAST

Dead Row (B56-214) _{not hr} (B56-815)

SOWN

5/20

I-5/21

D-5/22

I-5/29

D-5/30

I-6/13

D-6/21

I-7/3

I-7/9

I-7/19

I-7/26

I-8/2

I-8/6

I-8/18 BK RAIN

I-8/26

I-9/3

D-9-16 TO HARVEST

1st EMERGED 5/24

FULL 5/29

FERT 6/12

T2 43 WEST

Seed Increase

Sown

5/20

1st EMERGED. 5/24

I-5/21

FULL 5/29

D-5/22

FERT

6/12

I-5/29

D-5/30

I-6/13

D-6/21

I-7-3

I-7-9

D-7/14

I-8/2

I-8-6

I-8/18 BY RAIN

I-8/26

I-9/3

D-9/27 TO HARVEST

44 EAST

Neer Row of 856-815 + Increase of 56-912

SOWN	5/20	1st EMERGED	5/24
I-5/21		FULL	5/29
D-5/22		FERT	6/12
I-5/29			
D-5/30			
I-6/13			
D-6/21			
I-7-3			
I-7-9			
D-7/16			
I-8/2			
I-8/6			
I-8/18	BY RAIN		
I-8/26			
I-9/3			
D-9/16	TO HARVEST		

44 WEST

F3 Lines Genetic Study (CP23) x Tall CP)

OWN	1st	EMERGED	FULL	FERT
5/20		5/24		
I 5/21			5/29	
D 5/22				6/12
I 5/29				
D 5/30				
I 6/13				
D - 6/21				
I - 7-3				
I - 7-9				
I - 7-19				
I - 7/26				
I - 8/2				
I - 8/6				
I - 8-18 BY RAIN				
I - 8/26				
I - 9-3				
D - 9-5 TO HARVEST				

Seed Increase ⁴⁵BS6-912 E

SOWN 5/20	1st EMERGED 5/24
I-5/21	FULL 5/29
D-5/22	FERT 6/12
I-5/29	
D-5/30	
I-6/13	
D-6/21	
I-7/3	
I-7-9	
D-7/16	
I-8/2	
I-8/6	
I-8/18 BY RAIN	
I-8/26	
I-9/3	
D-9-16 TO HARVEST	

Seed Increase ⁴⁵ W C.F. 9214

OWN. 5/20

1st

EMERGED 5/24

I-5/21

FULL. 5/29

D-5/22

FERT. 6/12

I-5/29

D-5/30

I-6/13

D-6/21

I-7/3

I-7-9

I-7-19

I-7/26

I-8/2

I-8/6

I-8/18 BY RAIN

I-8/26

I-9/3

D-9/27 TO HARVEST

92 S 4~~E~~ - 46 E

East

Date of seeding, quality studies

single row seeding of, over 11,442

Sown 7/2

Fert 7/15

S 4~~6~~ - 46 E

93

West

Single Row Brushing Murs. Rows 10, 701 to 11, 442

Sown 7/1

Fertilized 7/15

94

S 4 - 47

East

Seed Increase, B56-366

Sown 7/2

Fert. 7/15

Also Head Rows (20) of a Head Row
selection: grown in 1956 of Bunn x 2.

S4 - 47

95

West

Single Row Breeding Nursery, Rows #10743 to 11,484

Sown June 2

Fert June 15

96

S 4-48 W

~~East~~ West

Seed Increase (B56-364) (B56-363)

Sown June 2
Fert June 15.

~~Blank~~

97

next

D

8-31

31

37 E

D-25-27 W

9/3

D-16-19 E

9/3

D-10-11 E

9/3

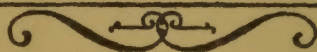
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1957

HENRY M. BEACHELL

Compliments of
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700 AMERICAN NATIONAL BANK BUILDING
Phone TE 3-3305

1957—Calendar—1957



JANUARY

SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

JULY

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

FEBRUARY

SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28		

AUGUST

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

MARCH

SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

SEPTEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

APRIL

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

OCTOBER

SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

MAY

SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

NOVEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

JUNE

SUN	MON	TUE	WED	THU	FRI	SAT
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

DECEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Tuesday, JANUARY 1

New Year's Day

1st Day—364 days to come

Wednesday, JANUARY 2

2nd Day—363 days to come

Thursday, JANUARY 3

3rd Day—362 days to come

Staff conference.

Eagle Lake forum, some
time in January

Legislature group to meet at
Station on Jan. 19 (Saturday)

Sunday, JANUARY 6

6th Day—259 days to come

Friday, JANUARY 4

4th Day—361 days to come

Saturday, JANUARY 5

5th Day—360 days to come

Sunday, JANUARY 6

6th Day—359 days to come

Monday, JANUARY 7

7th Day—358 days to come

Sunday, JANUARY 6
6th Day—359 days to come

Wednesday, JANUARY 9

9th Day—356 days to come

Drove to College Station for
Tex. Agr. Seed Prod. Assn
meeting

Le. Bmt 2:40 PM

an. College Stat. 6:30 pm

} Jan 9

Le. College Station 9:45 am

an. Bmt 1:30 pm

} Jan 11

Thursday, JANUARY 10

10th Day—355 days to come

Sunday, JANUARY 13

13th Day—352 days to come

Friday, JANUARY 11

11th—Day 354 days to come

Seed breeder conf. at College Station

Ten Art Seed Prod. Room

meeting

to. Bus 2:40 PM

arr. College St. 6:30 PM

to. College Station 9:45 AM

arr. Bus 1:30 PM

Saturday, JANUARY 12

12th Day—353 days to come

Sunday, JANUARY 13

13th Day—352 days to come

Monday, JANUARY 14

14th Day—351 days to come

Sunday, JANUARY 13

13th Day—352 days to come

Tuesday, JANUARY 15

15th Day—350 days to come

Wednesday, JANUARY 16

16th Day—349 days to come

Thursday, JANUARY 17

17th Day—348 days to come

Sunday, JANUARY 20

20th Day—345 days to come

Friday, JANUARY 18

18th Day—347 days to come

Saturday, JANUARY 19

19th Day—346 days to come

Sunday, JANUARY 20

20th Day—345 days to come

Monday, JANUARY 21

21st Day—344 days to come

Sunday, JANUARY 20

20th Day—345 days to come

Tuesday, JANUARY 22

22nd Day—343 days to come

Wednesday, JANUARY 23

23rd Day—342 days to come

Thursday, JANUARY 24

24th Day—341 days to come

Sunday, JANUARY 27

27th Day—338 days to come

Friday, JANUARY 25

25th Day—340 days to come

Saturday, JANUARY 26

26th Day—339 days to come

Sunday, JANUARY 27

27th Day—338 days to come

Monday, JANUARY 28

28th Day—337 days to come

Sunday, JANUARY 27

27th Day—338 days to come

Tuesday, JANUARY 29

29th Day—336 days to come

Wednesday, JANUARY 30

30th Day—335 days to come

Thursday, JANUARY 31

31st Day—334 days to come

Sunday, FEBRUARY 3

24th Day—331 days to come

Friday, FEBRUARY 1

32nd Day—333 days to come

Saturday, FEBRUARY 2

33rd Day—332 days to come

Sunday, FEBRUARY 3

34th Day—331 days to come

Monday, FEBRUARY 4

35th Day—330 days to come

Sunday, FEBRUARY 3

34th Day—331 days to come

Tuesday, FEBRUARY 5

36th Day—329 days to come

Wednesday, FEBRUARY 6

37th Day—328 days to come

1/2

Thursday, FEBRUARY 7

38th Day—327 days to come

Sunday, FEBRUARY 10

41st Day—324 days to come

Friday, FEBRUARY 8

39th Day—326 days to come

Saturday, FEBRUARY 9

40th Day—325 days to come

Sunday, FEBRUARY 10

41st Day—324 days to come

Monday, FEBRUARY 11

42nd Day—323 days to come

Sunday, FEBRUARY 10

41st Day—324 days to come

Tuesday, FEBRUARY 12

Lincoln's Birthday

43rd Day—322 days to come

Wednesday, FEBRUARY 13

44th Day—321 days to come

Thursday, FEBRUARY 14

St. Valentine's Day

45th Day—320 days to come

Wednesday, FEBRUARY 13

44th Day—321 days to come

Friday, FEBRUARY 15

46th Day—319 days to come

Sunday, FEBRUARY 17

48th Day—317 days to come

Saturday, FEBRUARY 16

47th Day—318 days to come

Sunday, FEBRUARY 17

48th Day—317 days to come

Monday, FEBRUARY 18

49th Day—316 days to come

Tuesday, FEBRUARY 19

50th Day—315 days to come

Sunday, FEBRUARY 17

48th Day—317 days to come

Wednesday, FEBRUARY 20

51st Day—314 days to come

FEBRUARY 20
Washington's Birthday
51st Day—314 days to come

Thursday, FEBRUARY 21

52nd Day—313 days to come

Friday, FEBRUARY 22

Washington's Birthday

53rd Day—312 days to come

Saturday, FEBRUARY 23

54th Day—311 days to come

Sunday, FEBRUARY 24

55th Day—310 days to come

Monday, FEBRUARY 25

56th Day—309 days to come

Monday, FEBRUARY 25
56th Day—309 days to come

Tuesday, FEBRUARY 26

57th Day—308 days to come

Wednesday, FEBRUARY 27

58th Day—307 days to come

Thursday, FEBRUARY 28

59th Day—306 days to come

Sunday, MARCH 3

62nd Day—309 days to come

82 **Friday, MARCH 1** 1887

60th Day—305 days to come

Saturday, MARCH 2

61st Day—304 days to come

Sunday, MARCH 3

62nd Day—303 days to come

Monday, MARCH 4

63rd Day—302 days to come

Sunday, MARCH 3

62nd Day—303 days to come

Tuesday, MARCH 5

64th Day—301 days to come

Wednesday, MARCH 6

65th Day—300 days to come

Thursday, MARCH 7

66th Day—299 days to come

Sunday, MARCH 10

69th Day—296 days to come

Friday, MARCH 8

67th Day—298 days to come

Saturday, MARCH 9

68th Day—297 days to come

Sunday, MARCH 10

69th Day—296 days to come

Monday, MARCH 11

70th Day—295 days to come

Sunday, MARCH 10

69th Day—296 days to come

Tuesday, MARCH 12

71st Day—294 days to come

Wednesday, MARCH 13

72nd Day—293 days to come

Thursday, MARCH 14

73rd Day—292 days to come

Sunday, MARCH 17

St. Patrick's Day

74th Day—289 days to come

Friday, MARCH 15

74th Day—291 days to come

Saturday, MARCH 16

75th Day—290 days to come

Sunday, MARCH 17

St. Patrick's Day

76th Day—289 days to come

Monday, MARCH 18

77th Day—288 days to come

Sunday, MARCH 17

St. Patrick's Day

76th Day—289 days to come

Tuesday, MARCH 19

78th Day—287 days to come

Wednesday, MARCH 20

79th Day—286 days to come

Thursday, MARCH 21

80th Day—285 days to come

Sunday, MARCH 24

83rd Day—282 days to come

Friday, MARCH 22

81st Day—284 days to come

Saturday, MARCH 23

82nd Day—283 days to come

Sunday, MARCH 24

83rd Day—282 days to come

Monday, MARCH 25

84th Day— 281 days to come

Sunday, MARCH 24

83rd Day—282 days to come

Tuesday, MARCH 26

85th Day—280 days to come

Wednesday, MARCH 27

86th Day—279 days to come

Thursday, MARCH 28

87th Day—278 days to come

Sunday, MARCH 31

90th Day—275 days to come

Friday, MARCH 29

88th Day—277 days to come

Saturday, MARCH 30

89th Day—276 days to come

Sunday, MARCH 31

90th Day—275 days to come

08 Monday, APRIL 1 13

91st Day—274 days to come

18 Sunday, MARCH 31

90th Day—275 days to come

Tuesday, APRIL 2

92nd Day—273 days to come

Wednesday APRIL 3

93rd Day—272 days to come

Thursday, APRIL 4

94th Day—271 days to come

Sunday, APRIL 7

97th Day—268 days to come

Friday, APRIL 5

95th Day—270 days to come

Saturday, APRIL 6

96th Day—269 days to come

Sunday, APRIL 7

97th Day—268 days to come

Monday, APRIL 8

98th Day—267 days to come

Sunday, APRIL 7

97th Day—268 days to come

Tuesday, APRIL 9

99th Day—266 days to come

Wednesday, APRIL 10

100th Day—265 days to come

Thursday, APRIL 11

101st Day—264 days to come

Sunday, APRIL 14

104th Day—261 days to come

Friday, APRIL 12

102nd Day—263 days to come

Saturday, APRIL 13

103rd Day—262 days to come

Sunday, APRIL 14

104th Day—261 days to come

Monday, APRIL 15

105th Day—260 days to come

Sunday, APRIL 14

104th Day—261 days to come

Tuesday, APRIL 16

First Day of Passover

106th Day—259 days to come

Wednesday, APRIL 17

107th Day—258 days to come

Thursday, APRIL 18

108th Day—257 days to come

Sunday, APRIL 21

Easter Sunday

111th Day—254 days to come

Friday, APRIL 19

Good Friday

109th Day—256 days to come

Saturday, APRIL 20

110th Day—255 days to come

Sunday, APRIL 21

Easter Sunday

111th Day—254 days to come

Monday, APRIL 22

112th Day—253 days to come

Sunday, APRIL 21

Easter Sunday

111th Day—254 days to come

Tuesday, APRIL 23

113th Day—252 days to come

Wednesday, APRIL 24

114th Day—251 days to come

Thursday, APRIL 25

115th Day—250 days to come

Sunday, APRIL 28

118th Day—247 days to come

Friday, APRIL 26

116th Day—249 days to come

Saturday, APRIL 27

117th Day—248 days to come

Sunday, APRIL 28

118th Day—247 days to come

Monday, APRIL 29

119th Day—246 days to come

Sunday, APRIL 28

118th Day—247 days to come

Tuesday, APRIL 30

120th Day—245 days to come

Wednesday, MAY 1

121st Day—244 days to come

Thursday, MAY 2

122nd Day—243 days to come

Sunday, MAY 5

125th Day—240 days to come

Friday, MAY 3

123rd Day—242 days to come

Saturday, MAY 4

124th Day—241 days to come

Sunday, MAY 5

125th Day—240 days to come

Monday, MAY 6

126th Day—239 days to come

Sunday, MAY 5

125th Day—240 days to come

Tuesday, MAY 7

127th Day—238 days to come

Wednesday, MAY 8

128th Day—237 days to come

Thursday, MAY 9

129th Day—236 days to come

Handwritten: 11/11/11

Handwritten: 11/11/11

Handwritten: 11/11/11

Handwritten: 11/11/11

Friday, MAY 10

130th Day— 235 days to come

Headrow field 11.

Bht 50.

Lewis' plots were

sown . Nos. 32 & 33W.

South 24 rows of 33W is
Dwain CP231 for Evatt

Saturday, MAY 11

131st Day—234 days to come

Sunday, MAY 12

132nd Day—233 days to come

Monday, MAY 13

133rd Day—232 days to come

Blks 24 - 37 W. Repl. Field Plots
280 for 8 blk. 35 lbs per blk
with guard. Fert.

Early plot. 65 lbs per blk
Fert.

Head row T.P. 49
Washington Blvd.

Tuesday, MAY 14

134th Day—231 days to come

Blks 16-24 W. Ryd Field Plot
280[#] for 8 blk. 35 lbs per blk
and guard. Fort.

11-15 W Univ G. N.
170[#] for 5 blks 34 lbs. per blk.
and guard.

10-20 E Breder Nur.
220 - for 10 blks 22 lbs per blk
and guard.

Wednesday, MAY 15

135th Day—230 days to come

World Collect Blk 24 F

Thursday, MAY 16

136th Day—229 days to come

39440 East Head Row

297 + 298

34 West Salt Water.

Head Row Roy Seaburg
Refors. (Crosby)

Friday, MAY 17

137th Day—228 days to come

35 W Seed Increase

N 1/2

S 1/2

279 and 836 1/1

39 W, Seed Increase

N 1/2

890 bulk

S 1/2

891 / 1, 4, 5, 6,

7 rows of each

40 W North 40 rows

are Konfuras

12 rows south are 757

41 W 36 rows north are

757.

20 south rows are

209

Friday, 5/17 cont.

Saturday, MAY 18

~~138th Day—227 days to come~~

42 W North 34 rows are
758/3. South 18 rows
are 758/5.

43 W North 35 rows
are 758/5. Then
are 21 rows left in
this block.

Sunday, MAY 19

139th Day—226 days to come

Monday, MAY 20

140th Day—225 days to come

42 E ~~North~~ 19 rows of 283
South 20 rows 293

43 E North 13 rows 214
rest 815/3, 4, 5, 2 ;

44 E

North 10 rows each

45 E₉₁₂ 815/2 rest 912

43 W } 8075 } Single row 8074 5 rows
8076 }
8078 } each
8079 }
South

44 W. F₂ CP 231 X Tall CP 231

45 W CI 9214 Rogue

Tuesday, MAY 21

141st Day—224 days to come

37W 304 44 rows

38W north 739/6 28 rows
south 215 28 rows.

38E 296NR- 29 rows.

Wednesday, MAY 22

142nd Day—223 days to come

Thursday, MAY 23

143rd Day—222 days to come

Fert 20-23E. Breeders Nuro.
22 lbs per plot.

25E Rexoro Grad (16 rows)

Texas Patna Grad (16 rows)

BBT Grad (24 rows)

26 E

B502A 2-113 Grad (28 rows)

CP-231 Grad (28 rows)

Friday, MAY 24

144th Day—221 days to come

Saturday, MAY 25

145th Day—220 days to come

Sunday, MAY 26

146th Day—219 days to come

Monday, MAY 27

147th Day—218 days to come

Sunday, MAY 26

146th Day—219 days to come

Tuesday, MAY 28

148th Day—217 days to come

Thursday, MAY 30

Decoration Day

150th Day—215 days to come

Wednesday, MAY 29

149th Day—216 days to come

Thursday, MAY 30

Decoration Day

150th Day—215 days to come

Friday, MAY 31

151st Day—214 days to come

Sunday, JUNE 2

152nd Day—212 days to come

Saturday, JUNE 1

152nd Day—213 days to come

Sunday, JUNE 2

153rd Day—212 days to come

Monday, JUNE 3

154th Day—211 days to come

Tuesday, JUNE 4

155th Day—210 days to come

Sunday, JUNE 2

157th Day—212 days to come

Wednesday, JUNE 5

156th Day—209 days to come

Thursday, JUNE 6

157th Day—208 days to come

8 Friday, JUNE 7

158th Day—207 days to come

Sunday, JUNE 8

160th Day—205 days to come

Saturday, JUNE 8

159th Day—206 days to come

Sunday, JUNE 9

160th Day—205 days to come

Monday, JUNE 10

161st Day—204 days to come

Tuesday, JUNE 11

162nd Day—203 days to come

Sunday, JUNE 9

160th Day—205 days to come

Wednesday, JUNE 12

163rd Day—202 days to come

Thursday, JUNE 13

164th Day—201 days to come

Friday, JUNE 14

Flag Day

165th Day—200 days to come

Sunday, JUNE 16

167th Day—198 days to come

Saturday, JUNE 15

166th Day—199 days to come

Sunday, JUNE 16

167th Day—198 days to come

Monday, JUNE 17

168th Day—197 days to come

Tuesday, JUNE 18

169th Day—196 days to come

Sunday, JUNE 16

167th Day—198 days to come

Wednesday, JUNE 19

170th Day—195 days to come

Thursday, JUNE 20

171st Day—194 days to come

Friday, JUNE 21

172nd Day—193 days to come

Sunday, JUNE 23

174th Day—191 days to come

Saturday, JUNE 22

173rd Day—192 days to come

Sunday, JUNE 23

174th Day—191 days to come

Monday, JUNE 24

175th Day—190 days to come

Tuesday, JUNE 25

176th Day—189 days to come

Sunday, JUNE 23

174th Day—191 days to come

Wednesday, JUNE 26

177th Day—188 days to come

Thursday, JUNE 27

178th Day—187 days to come

Friday, JUNE 28

179th Day—186 days to come

Saturday, JUNE 29

180th Day—185 days to come

Sunday, JUNE 30

181st Day—184 days to come

Monday, JULY 1

182nd Day—183 days to come

3, 4, 5, 6, W.

41 E, 27 E, 1 E, 80 N.

33 $\frac{1}{3}$ [#] per block. 0-21-0
5 big washers right!

36 W, Reford 56 N.

25 [#] per block - 0-21-0.

3 big washers right and one small left

Planted 1 W.

358 missing and 368 and
468 switched.

Single Nursery Photo
57 - 73

2 W

Breeding Nursery

11

Tuesday, JULY 2

183rd Day—182 days to come

2, 3, 4, 5, 6, 7 F - 55 N,
25 # per. block 0-21-0,

Halick on Nathan Plots.

366 on East Side Nathan

364 & 363.

Atkins H.R.

Wednesday, JULY 3

184th Day—181 days to come

Thursday, JULY 4

Independence Day

185th Day—180 days to come

Friday, JULY 5

186th Day—179 days to come

Saturday, JULY 6

187th Day—178 days to come

*Planted 4 1/2 lbs. in Ten
with S.P. 23*

Sunday, JULY 7

188th Day—177 days to come

Monday, JULY 8

189th Day—176 days to come

Sunday, JULY 7

188th Day—177 days to come

Tuesday, JULY 9

190th Day—175 days to come

Planted Dr. Atkins Tins
with CP 231.

Wednesday, JULY 10

191st Day—174 days to come

Thursday, JULY 11

192nd Day—173 days to come

Sunday, JULY 14

195th Day—170 days to come

Friday, JULY 12

193rd Day—172 days to come

Saturday, JULY 13

194th Day—171 days to come

Sunday, JULY 14

195th Day—170 days to come

Monday, JULY 15

196th Day—169 days to come

5 gms. in 30 lbs. Alcan.

2. W - 26 lbs fert - 54 N.

1 W - 80 lbs N.

44 E - 80 lbs N. 5 big washers
right

45 E - 80 lbs N

46 W - 80 lbs N

44 W - 54 lbs N four big washers
right and one left

45 W - 11 11 left

196th Day—170 days to come

1958 — *Calendar* — 1958



JANUARY

SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

JULY

SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

FEBRUARY

SUN	MON	TUE	WED	THU	FRI	SAT
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	

AUGUST

SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

MARCH

SUN	MON	TUE	WED	THU	FRI	SAT
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

SEPTEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

APRIL

SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

OCTOBER

SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

MAY

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

NOVEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

JUNE

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

DECEMBER

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

